

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012827.D
 Acq On : 04 Oct 2019 21:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 05 04:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110256	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	5.49	113	85340	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	321118	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	126358	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	72896	39.408	ug/l	99
3) Chloromethane	1.32	50	84197	39.640	ug/l	99
4) Vinyl Chloride	1.40	62	89857	42.561	ug/l	96
5) Bromomethane	1.62	94	35266	42.485	ug/l	95
6) Chloroethane	1.70	64	59606	41.880	ug/l	95
7) Trichlorofluoromethane	1.92	101	131308	44.298	ug/l	97
8) Diethyl Ether	2.18	74	54923	45.213	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84029	46.542	ug/l	97
10) Methyl Iodide	2.50	142	87517	46.408	ug/l	92
11) Tert butyl alcohol	3.04	59	149938	250.678	ug/l	98
12) 1,1-Dichloroethene	2.36	96	84634	47.873	ug/l	96
13) Acrolein	2.28	56	77206	232.462	ug/l	98
14) Allyl chloride	2.72	41	156602	44.648	ug/l	96
15) Acrylonitrile	3.13	53	287741	237.120	ug/l	99
16) Acetone	2.44	43	244819	193.036	ug/l	95
17) Carbon Disulfide	2.56	76	217457	43.876	ug/l	100
18) Methyl Acetate	2.76	43	143087	47.914	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	325053	48.576	ug/l	99
20) Methylene Chloride	2.84	84	99918	46.580	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	91544	46.740	ug/l	96
22) Diisopropyl ether	3.84	45	318306	46.966	ug/l	97
23) Vinyl Acetate	3.80	43	1382171	232.553	ug/l	97
24) 1,1-Dichloroethane	3.69	63	175420	47.616	ug/l	99
25) 2-Butanone	4.66	43	398679	219.236	ug/l	95
26) 2,2-Dichloropropane	4.57	77	126408	38.579	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	109049	47.985	ug/l	91
28) Bromochloromethane	5.00	49	66352	49.603	ug/l	97
29) Tetrahydrofuran	5.11	42	255180	230.229	ug/l	95
30) Chloroform	5.20	83	177830	47.181	ug/l	99
31) Cyclohexane	5.57	56	150681	45.211	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	155387	46.517	ug/l	98
36) 1,1-Dichloropropene	5.79	75	129088	47.872	ug/l	97
37) Ethyl Acetate	4.82	43	149926	47.558	ug/l	96
38) Carbon Tetrachloride	5.77	117	130321	47.577	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150576	46.385	ug/l	96
40) Benzene	6.14	78	392248	49.439	ug/l	99
41) Methacrylonitrile	5.03	41	84659	47.863	ug/l	93
42) 1,2-Dichloroethane	6.18	62	142488	47.294	ug/l	97
43) Isopropyl Acetate	6.43	43	251972	47.795	ug/l	97
44) Trichloroethene	7.20	130	101489	50.037	ug/l	98
45) 1,2-Dichloropropane	7.51	63	103782	51.092	ug/l	100
46) Dibromomethane	7.65	93	67415	48.746	ug/l	99
47) Bromodichloromethane	7.89	83	139317	50.403	ug/l	99
48) Methyl methacrylate	7.76	41	121513	48.069	ug/l	91
49) 1,4-Dioxane	7.73	88	59688	1041.007	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	788691	242.354	ug/l	95
52) Toluene	8.78	92	248585	49.851	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	150310	49.150	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161486	48.362	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	101902	51.401	ug/l	97
56) Ethyl methacrylate	9.17	69	170477	51.185	ug/l	91
57) 1,3-Dichloropropane	9.37	76	174020	50.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	388626	259.947	ug/l	99
59) 2-Hexanone	9.49	43	606350	243.420	ug/l	93
60) Dibromochloromethane	9.57	129	106376	53.006	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105834	51.295	ug/l	99
64) Tetrachloroethene	9.33	164	91317	51.620	ug/l	93
65) Chlorobenzene	10.14	112	264129	49.435	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	99593	51.446	ug/l	99
67) Ethyl Benzene	10.25	91	483254	49.867	ug/l	100
68) m/p-Xylenes	10.35	106	361129	99.480	ug/l	99
69) o-Xylene	10.70	106	176999	50.389	ug/l	100
70) Styrene	10.71	104	305823	51.934	ug/l	99
71) Bromoform	10.85	173	74403	55.196	ug/l #	99
73) Isopropylbenzene	11.01	105	477206	48.355	ug/l	100
74) N-amyl acetate	10.89	43	222897	47.343	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	158297	48.432	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	183181	57.151	ug/l	88
77) Bromobenzene	11.25	156	108456	48.557	ug/l	99
78) n-propylbenzene	11.35	91	520023	46.804	ug/l	99
79) 2-Chlorotoluene	11.42	91	330712	47.715	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	402067	48.583	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49038	43.845	ug/l	96
82) 4-Chlorotoluene	11.51	91	384903	48.716	ug/l	98
83) tert-Butylbenzene	11.76	119	383572	48.048	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	408534	48.935	ug/l	99
85) sec-Butylbenzene	11.94	105	450831	48.553	ug/l	98
86) p-Isopropyltoluene	12.06	119	417728	49.859	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	202732	50.436	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	202801	49.929	ug/l	99
89) n-Butylbenzene	12.38	91	360887	48.882	ug/l	99
90) Hexachloroethane	12.59	117	71447	47.833	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	203575	50.588	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40062	49.001	ug/l	95

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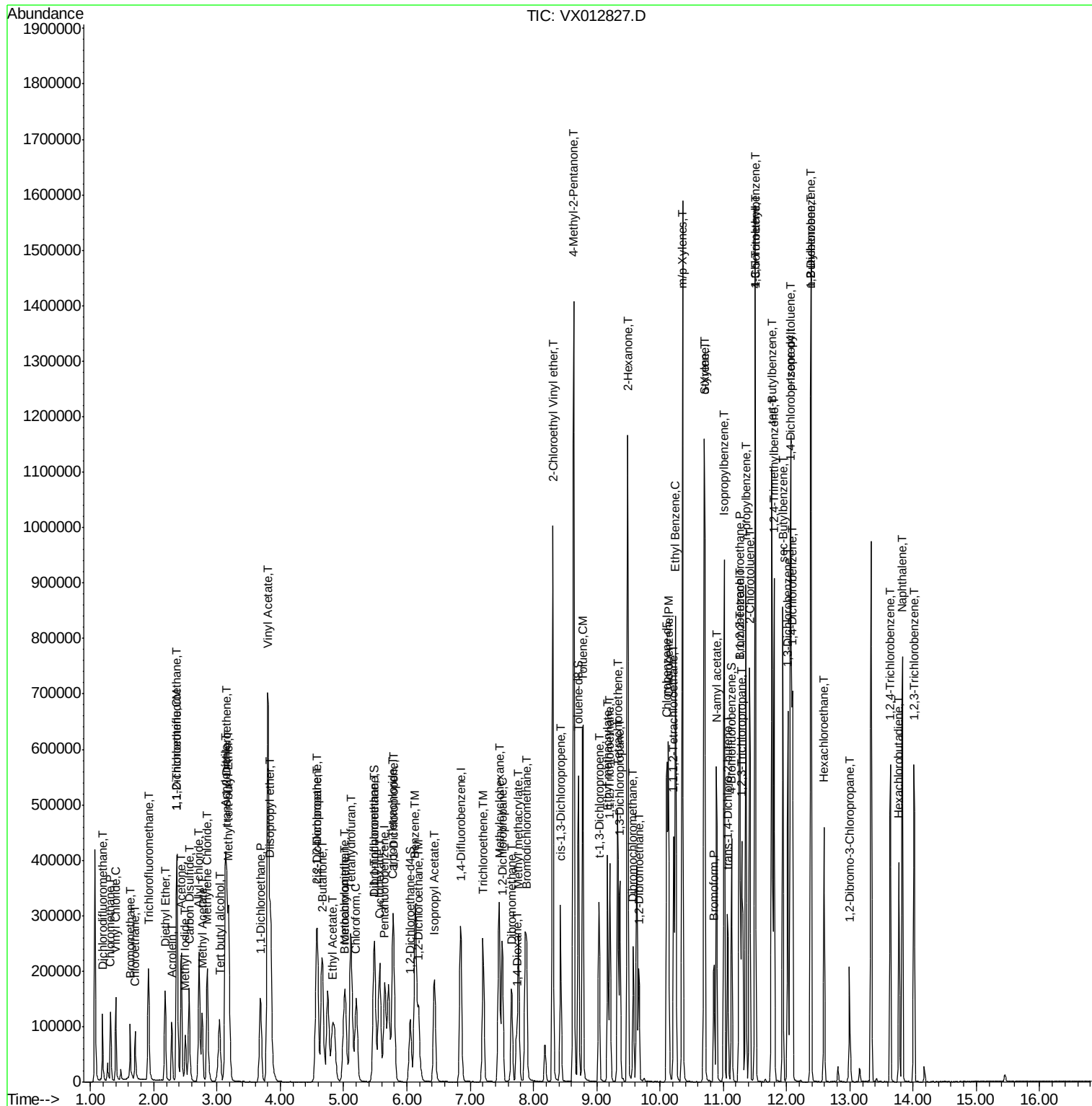
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128887	52.518	ug/l	100
94) Hexachlorobutadiene	13.77	225	52330	49.565	ug/l	99
95) Naphthalene	13.83	128	453206	51.041	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128973	52.462	ug/l	98

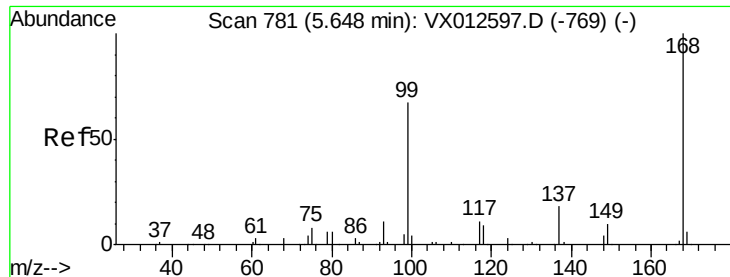
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

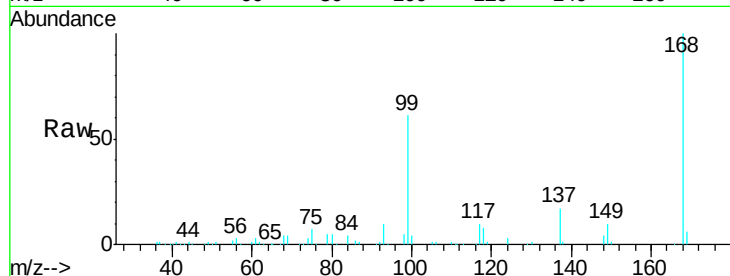
VSTDCCC050EC

Tgt Ion:168 Resp: 164427

Ion Ratio Lower Upper

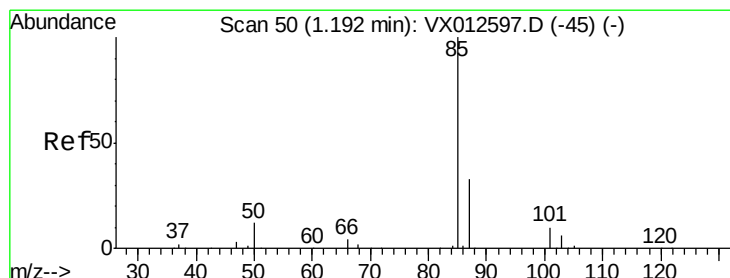
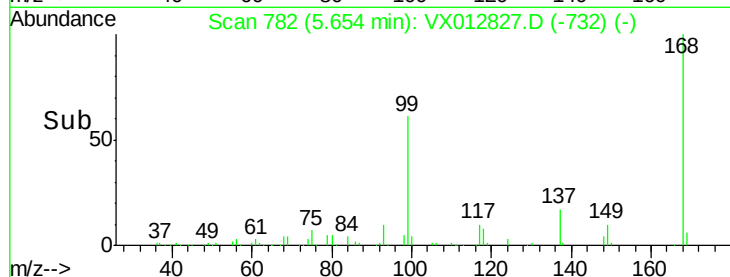
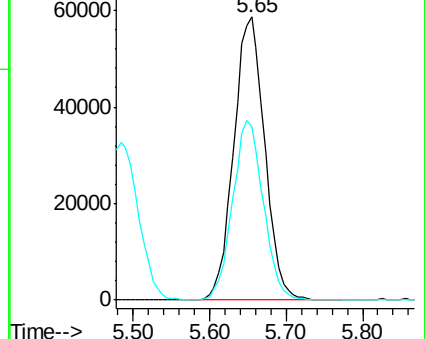
168 100

99 61.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.408 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012827.D

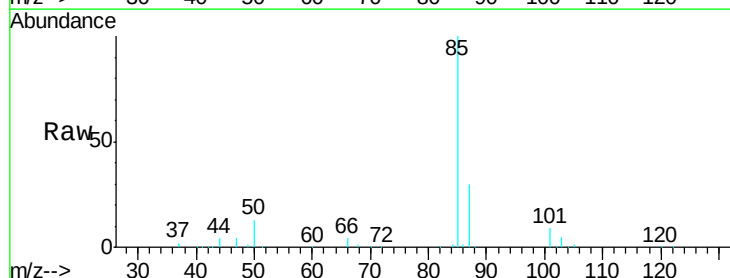
Acq: 04 Oct 2019 21:14

Tgt Ion: 85 Resp: 72896

Ion Ratio Lower Upper

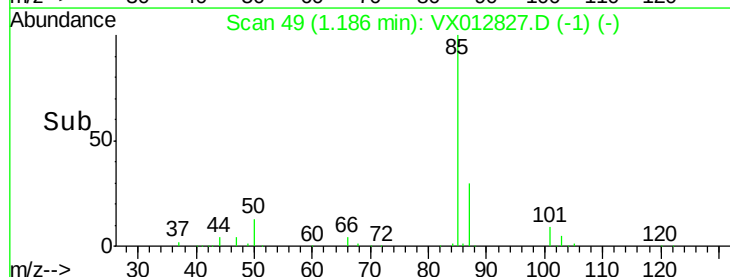
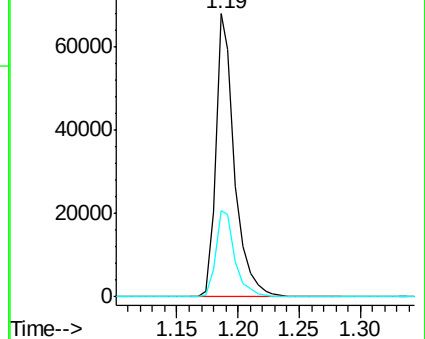
85 100

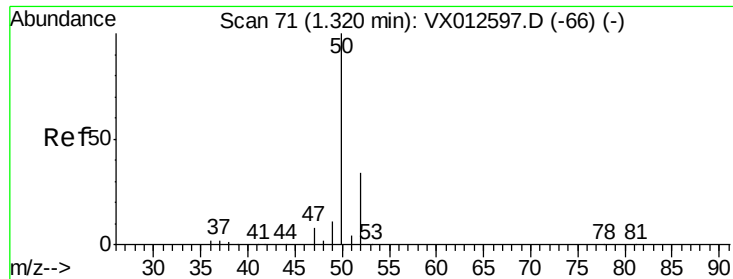
87 30.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.640 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

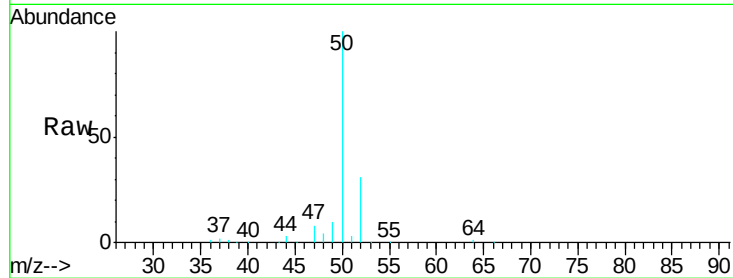
VSTDCCC050EC

Tgt Ion: 50 Resp: 84197

Ion Ratio Lower Upper

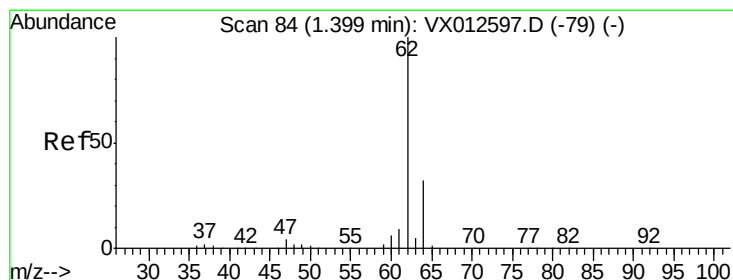
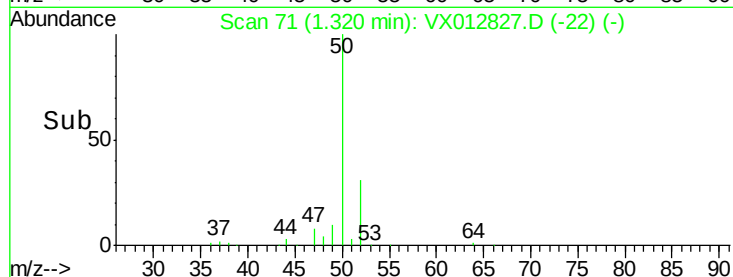
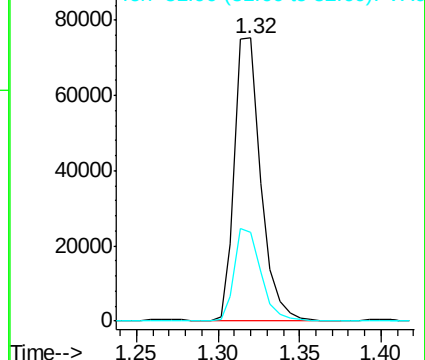
50 100

52 31.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.561 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012827.D

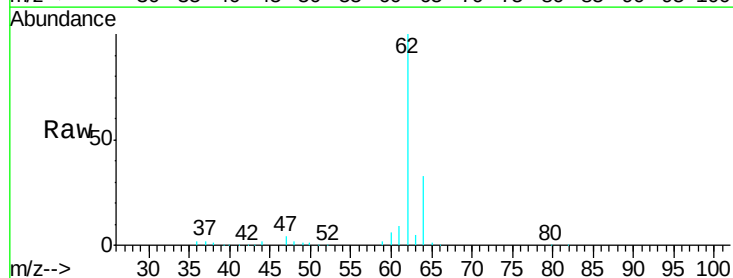
Acq: 04 Oct 2019 21:14

Tgt Ion: 62 Resp: 89857

Ion Ratio Lower Upper

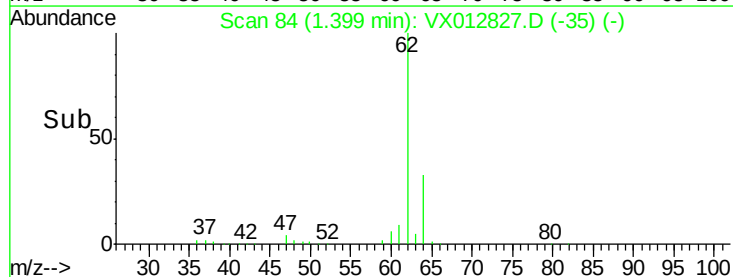
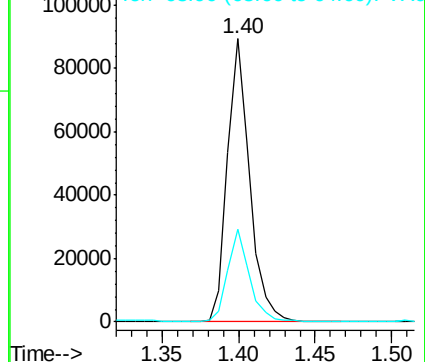
62 100

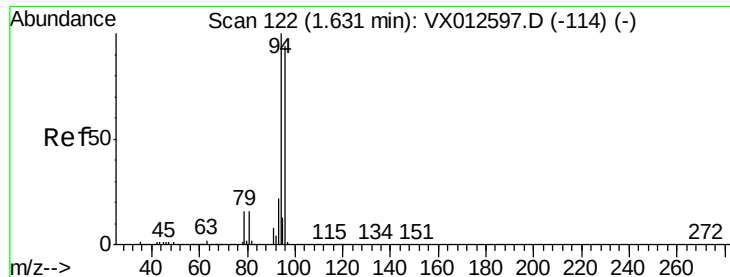
64 32.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.485 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

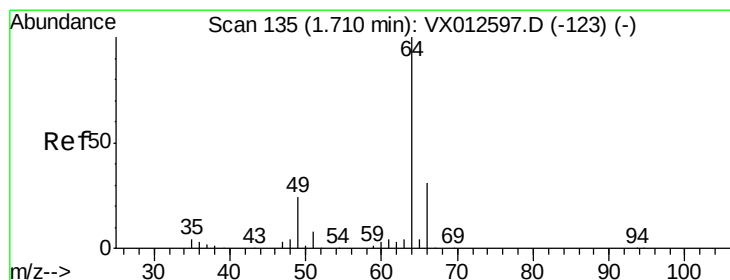
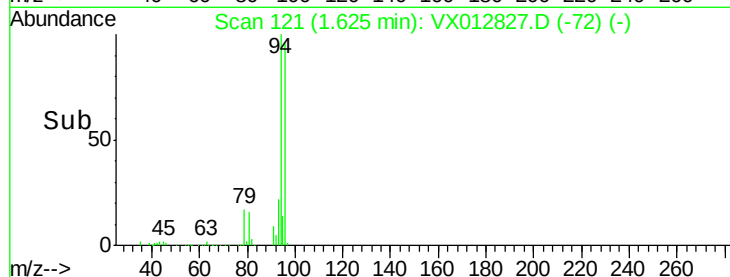
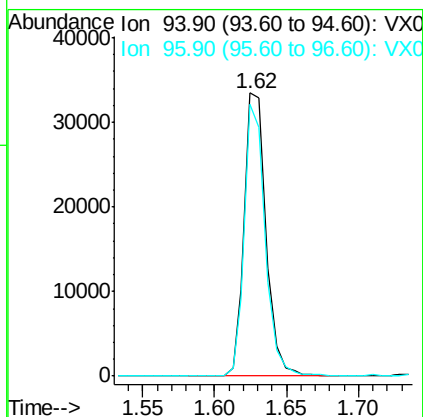
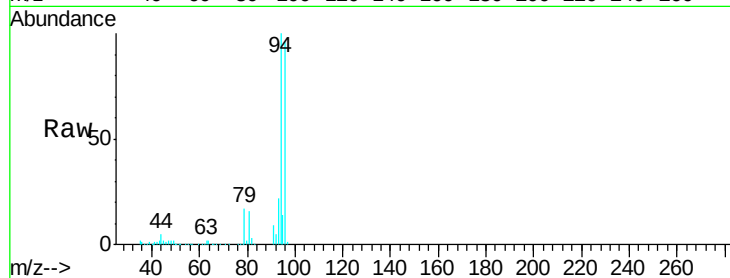
VSTDCCC050EC

Tgt Ion: 94 Resp: 35266

Ion Ratio Lower Upper

94 100

96 96.2 72.8 109.2



#6

Chloroethane

Concen: 41.880 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012827.D

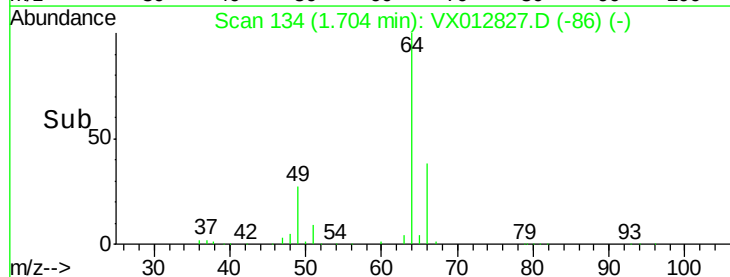
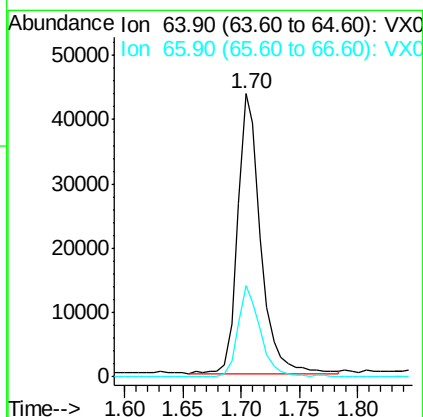
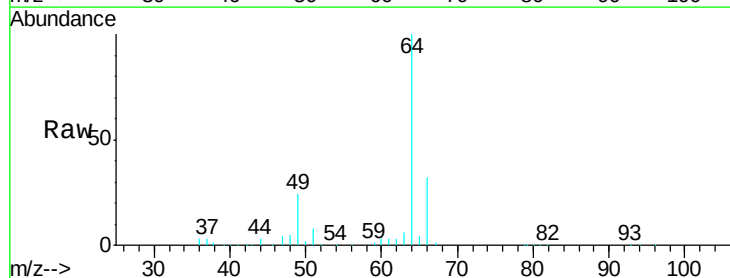
Acq: 04 Oct 2019 21:14

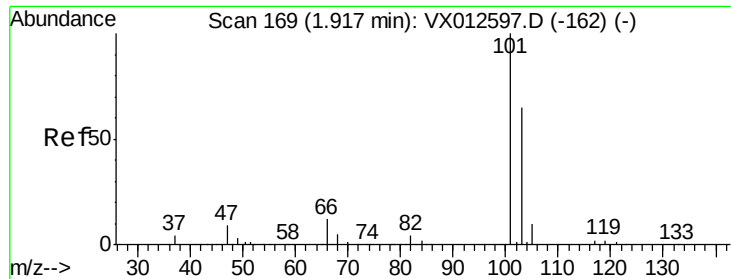
Tgt Ion: 64 Resp: 59606

Ion Ratio Lower Upper

64 100

66 32.5 24.0 36.0



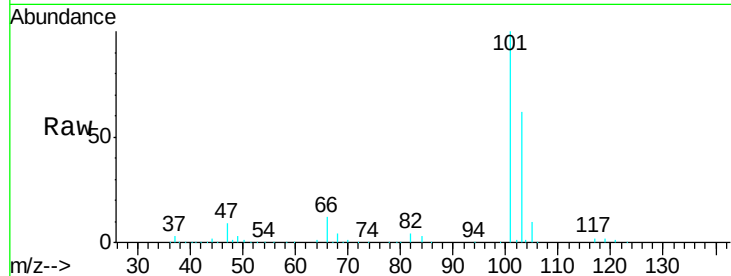


#7

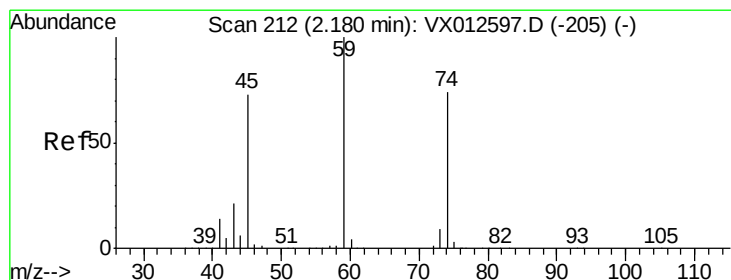
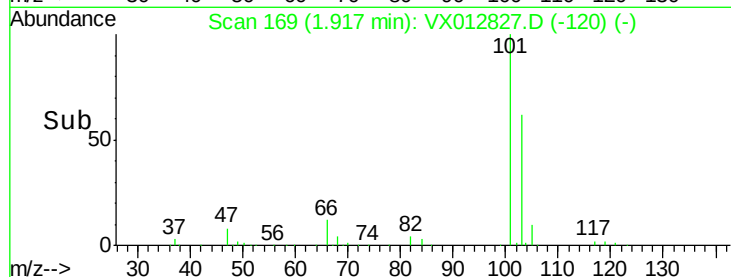
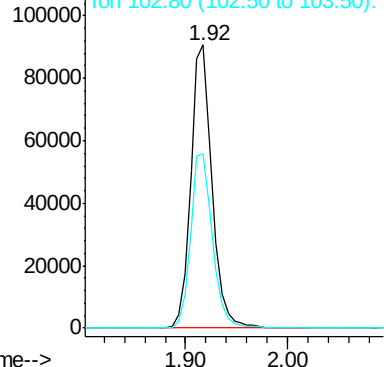
Trichlorofluoromethane
Concen: 44.298 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

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Tgt Ion:101 Resp: 131308
Ion Ratio Lower Upper
101 100
103 61.6 51.0 76.4



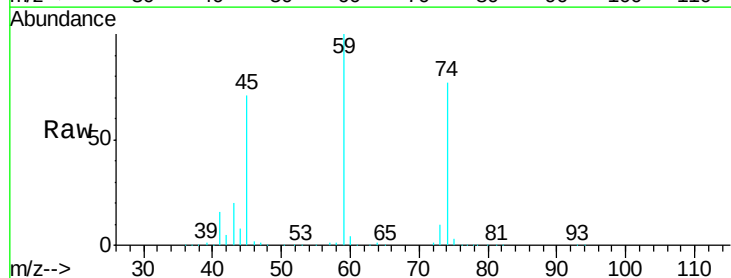
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



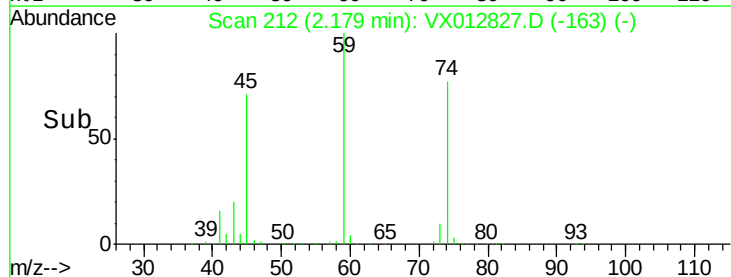
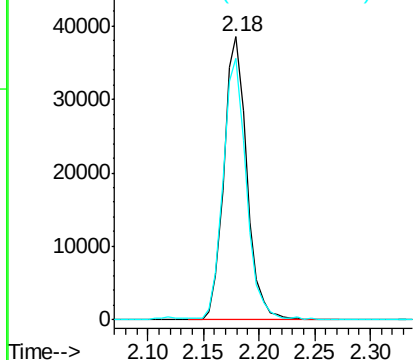
#8

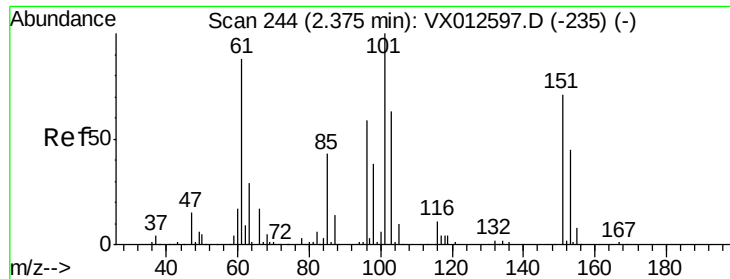
Diethyl Ether
Concen: 45.213 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 74 Resp: 54923
Ion Ratio Lower Upper
74 100
45 94.7 49.9 149.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.542 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012827.D

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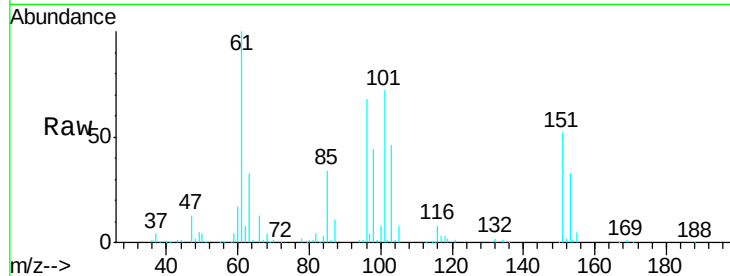
Tgt Ion:101 Resp: 84029

Ion Ratio Lower Upper

101 100

85 44.1 37.3 55.9

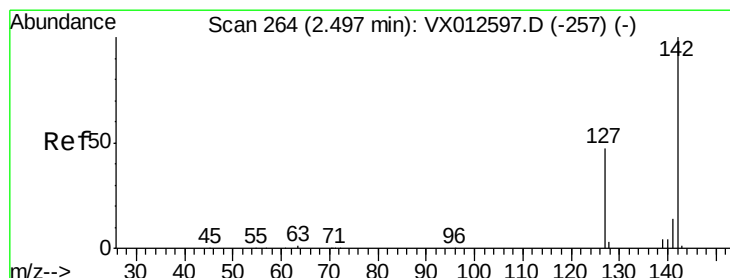
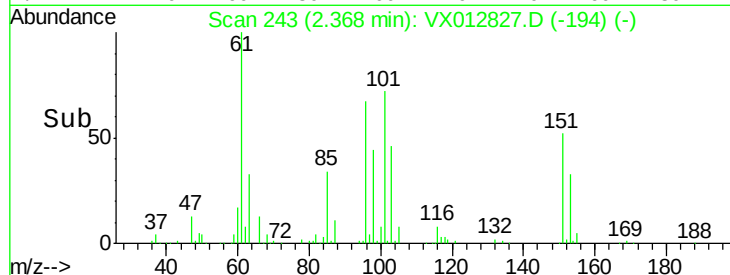
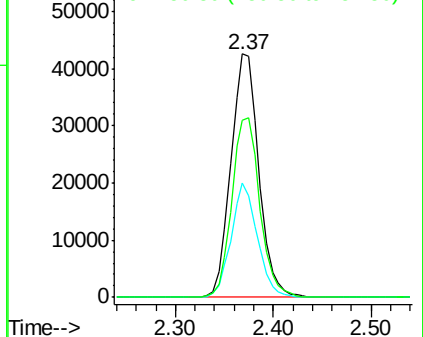
151 74.3 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.408 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

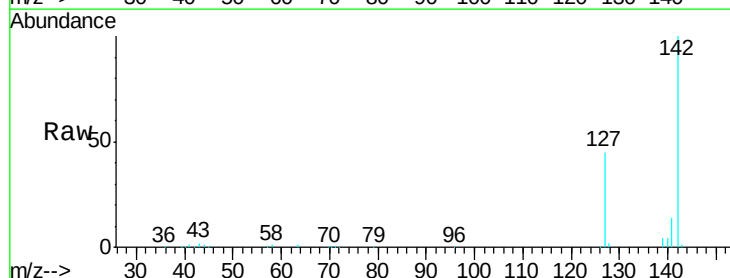
Tgt Ion:142 Resp: 87517

Ion Ratio Lower Upper

142 100

127 44.6 40.8 61.2

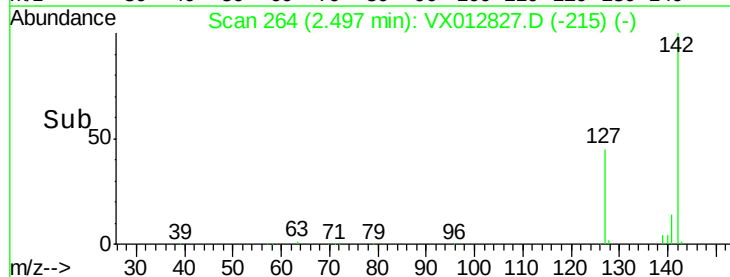
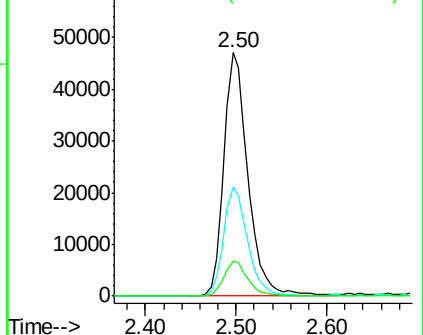
141 14.3 12.1 18.1

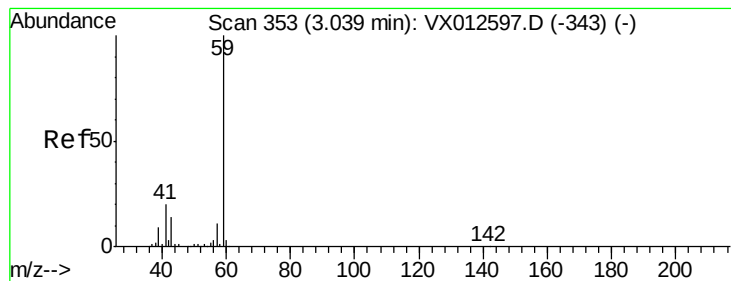


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



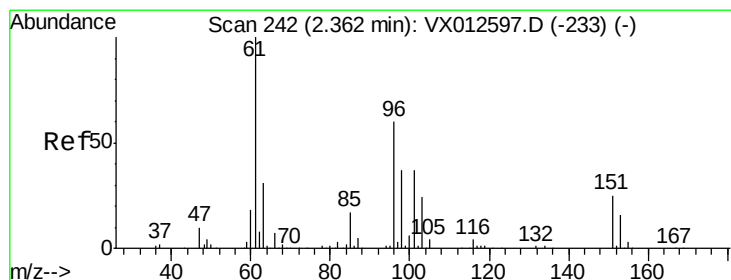
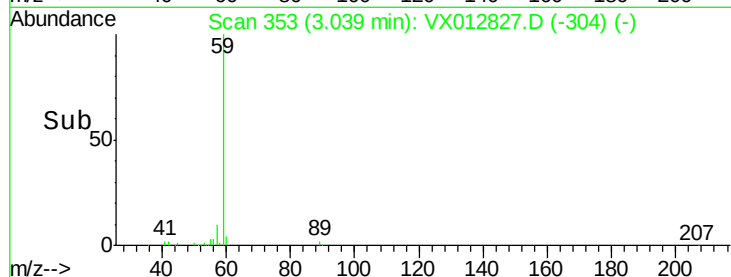
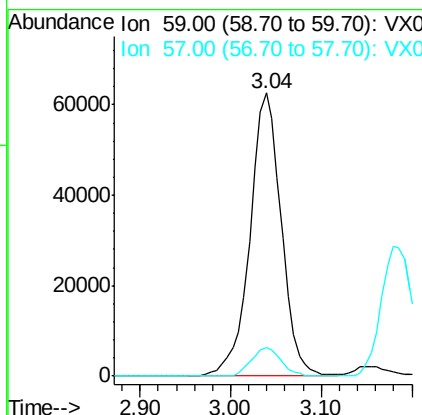
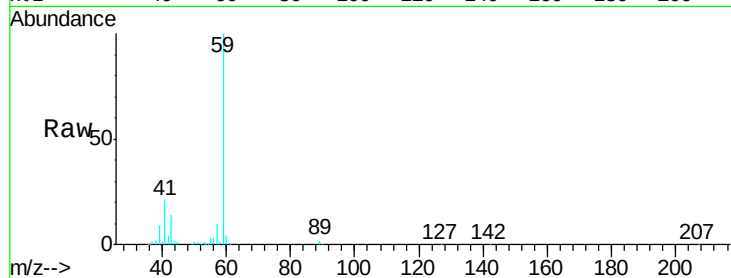


#11

Tert butyl alcohol
 Concen: 250.678 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

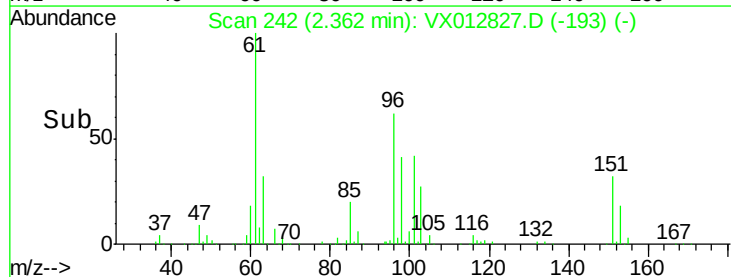
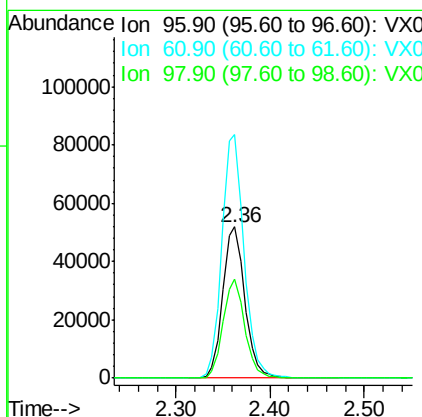
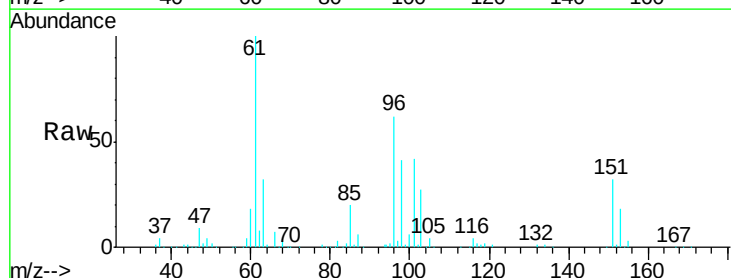
Tgt Ion: 59 Resp: 149938
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.3 12.5

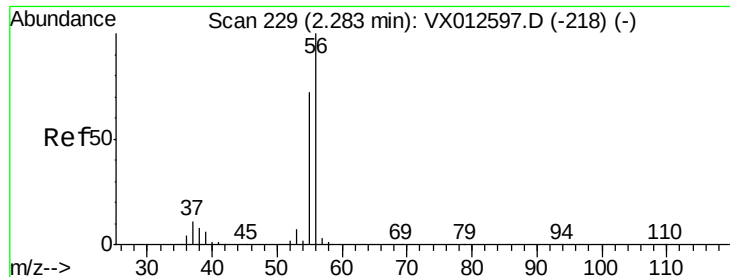


#12

1,1-Dichloroethene
 Concen: 47.873 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion: 96 Resp: 84634
 Ion Ratio Lower Upper
 96 100
 61 160.9 133.8 200.6
 98 65.2 49.9 74.9





#13

Acrolein

Concen: 232.462 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

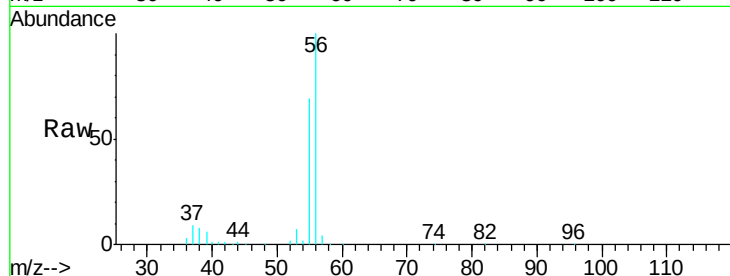
VSTDCCC050EC

Tgt Ion: 56 Resp: 77206

Ion Ratio Lower Upper

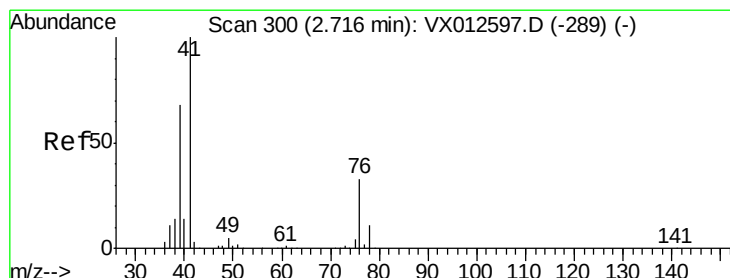
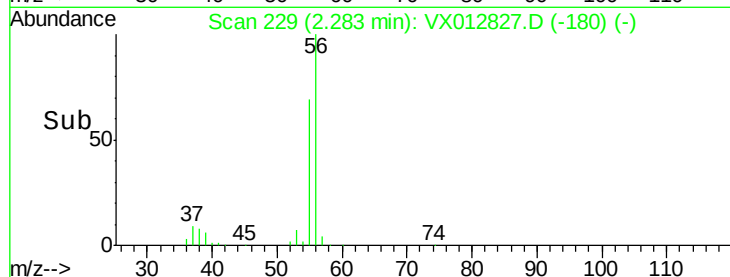
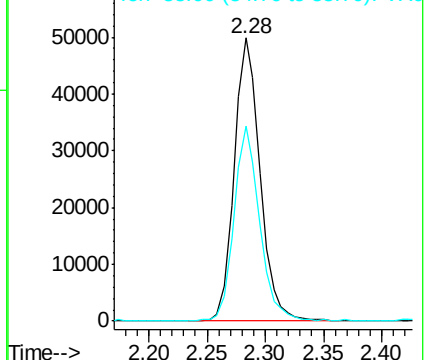
56 100

55 68.5 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.648 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

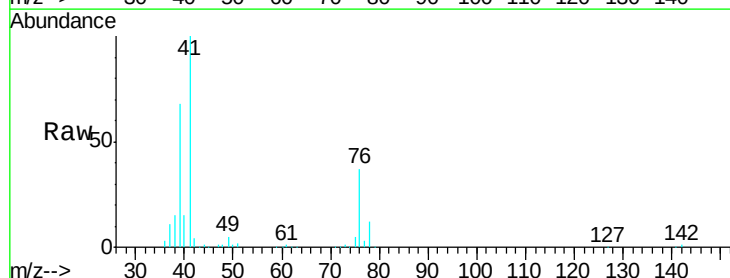
Tgt Ion: 41 Resp: 156602

Ion Ratio Lower Upper

41 100

39 63.1 51.3 76.9

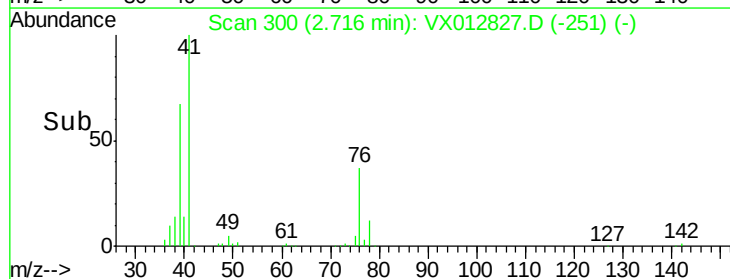
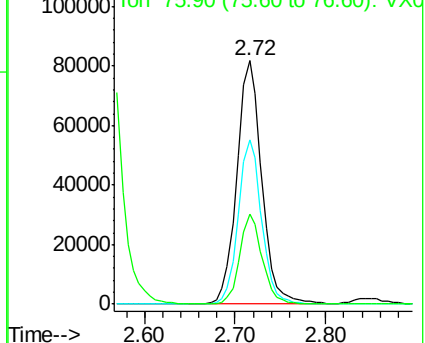
76 33.0 22.6 33.8

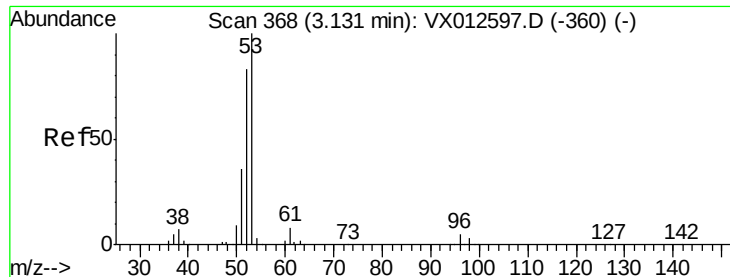


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 237.120 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

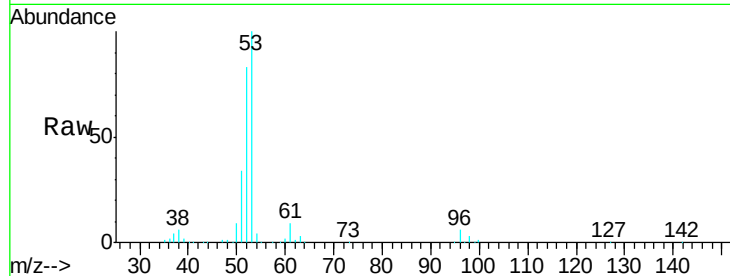
Tgt Ion: 53 Resp: 287741

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

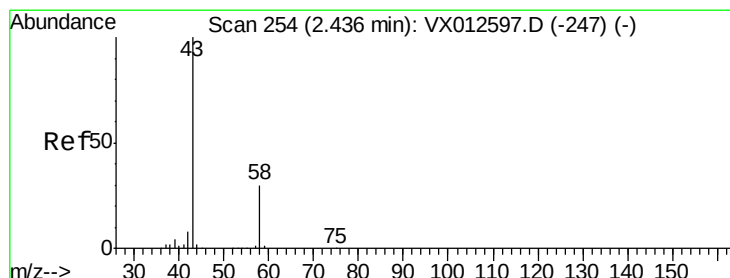
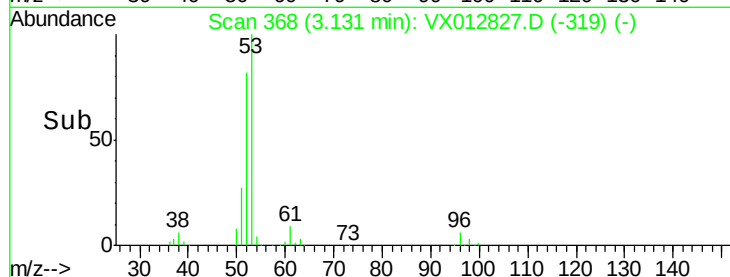
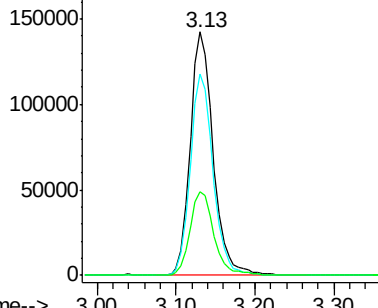
51 35.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 193.036 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012827.D

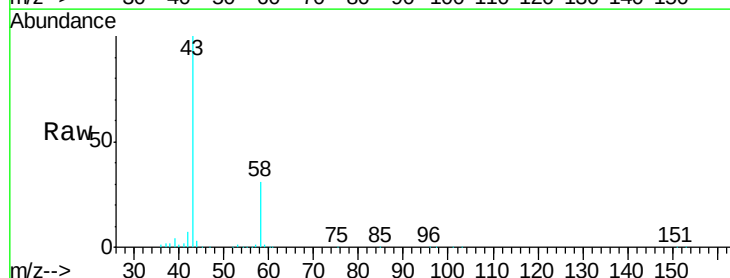
Acq: 04 Oct 2019 21:14

Tgt Ion: 43 Resp: 244819

Ion Ratio Lower Upper

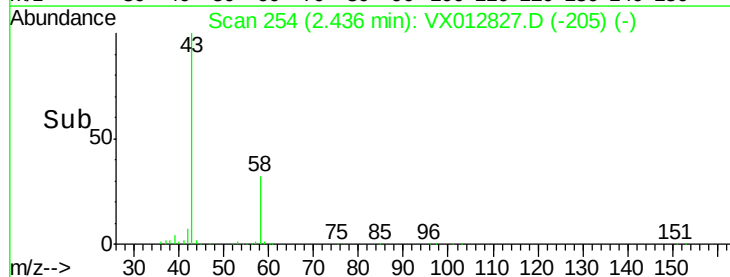
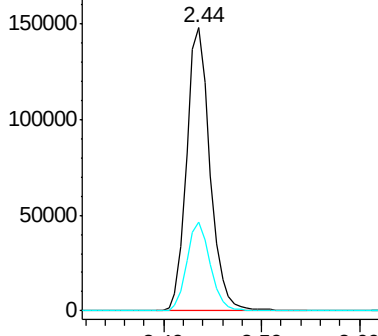
43 100

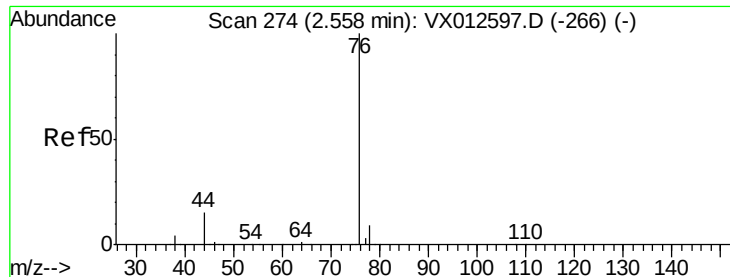
58 31.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.876 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

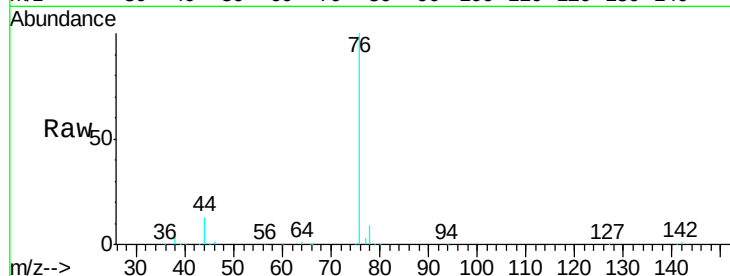
VSTDCCC050EC

Tgt Ion: 76 Resp: 217457

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

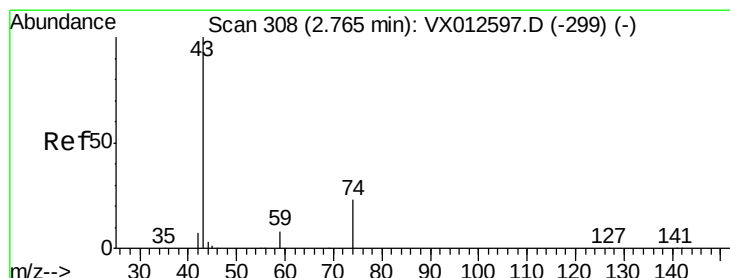
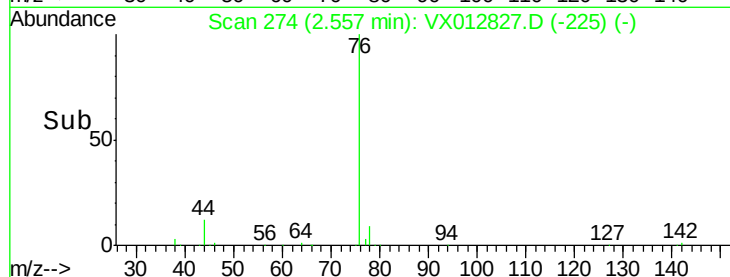
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 47.914 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012827.D

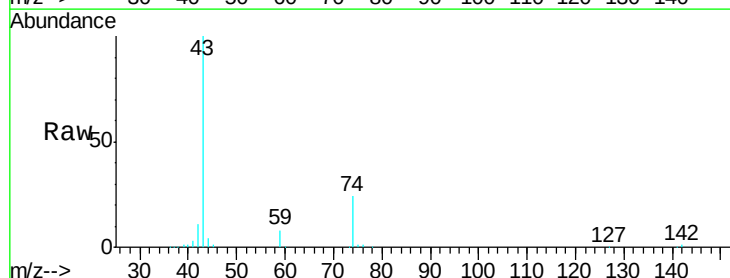
Acq: 04 Oct 2019 21:14

Tgt Ion: 43 Resp: 143087

Ion Ratio Lower Upper

43 100

74 24.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

40000

20000

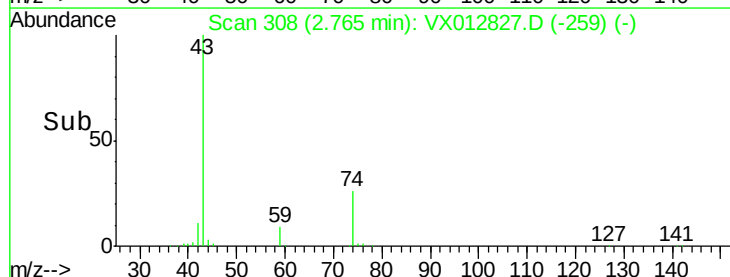
0

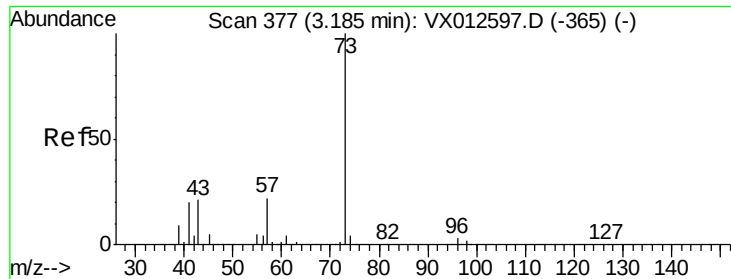
Time-->

2.70

2.80

2.90

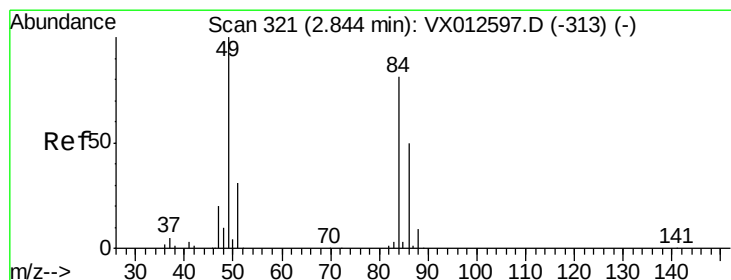
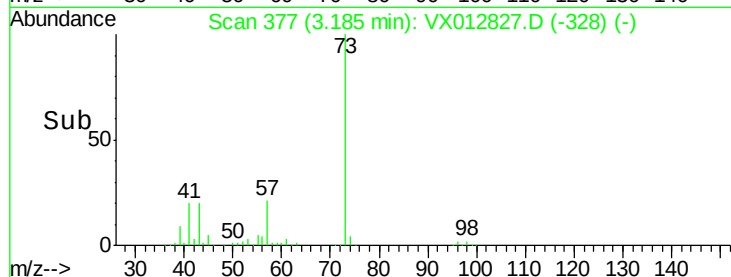
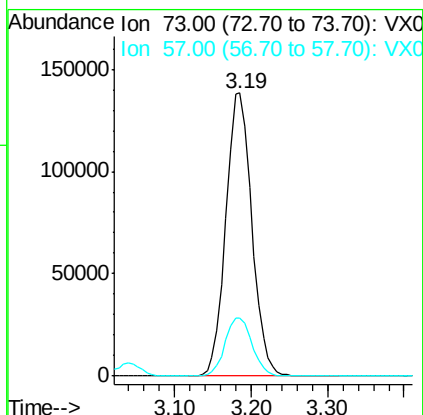
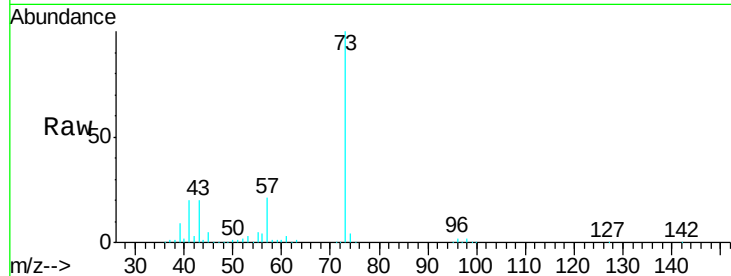




#19
Methyl tert-butyl Ether
Concen: 48.576 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

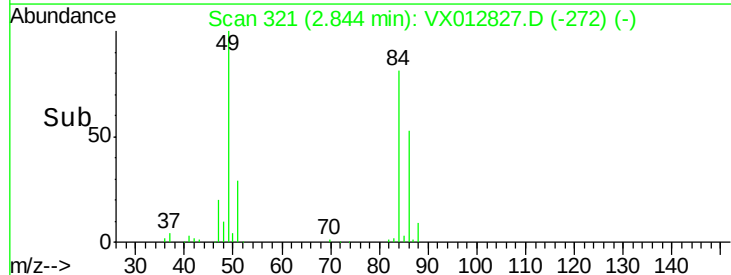
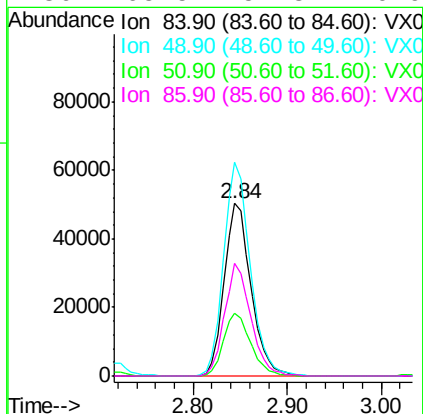
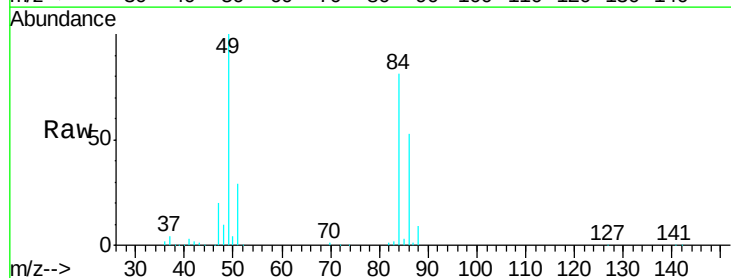
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

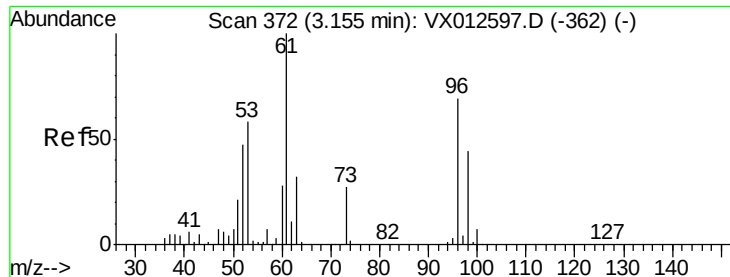
Tgt Ion: 73 Resp: 325053
Ion Ratio Lower Upper
73 100
57 20.5 16.8 25.2



#20
Methylene Chloride
Concen: 46.580 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 84 Resp: 99918
Ion Ratio Lower Upper
84 100
49 123.9 106.8 160.2
51 36.2 32.3 48.5
86 65.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.740 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

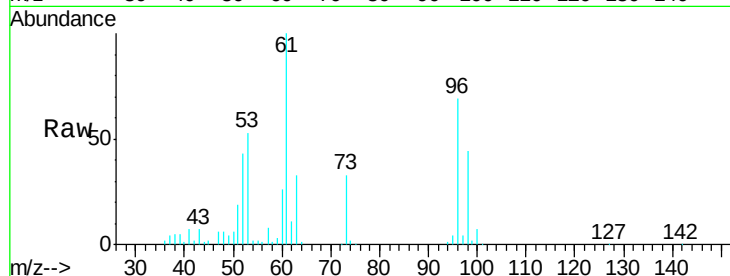
Tgt Ion: 96 Resp: 91544

Ion Ratio Lower Upper

96 100

61 144.9 112.0 168.0

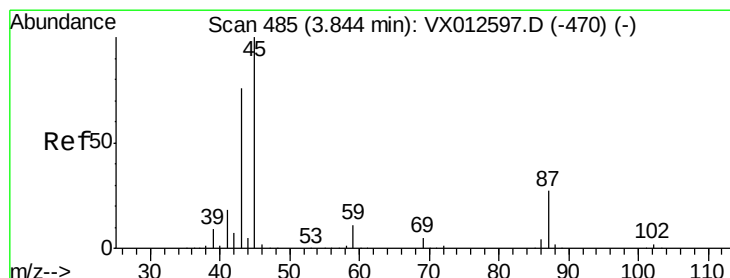
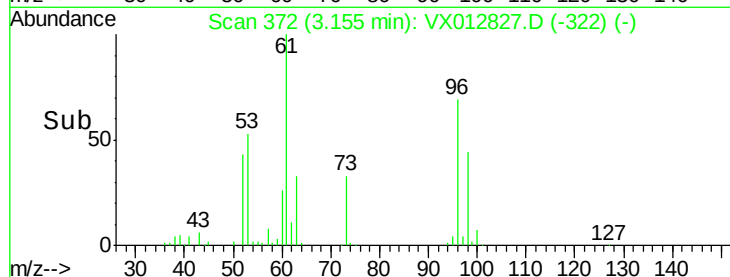
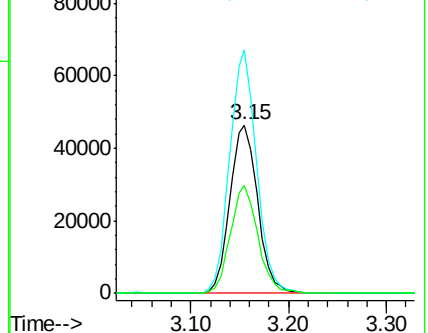
98 64.0 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.966 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Tgt Ion: 45 Resp: 318306

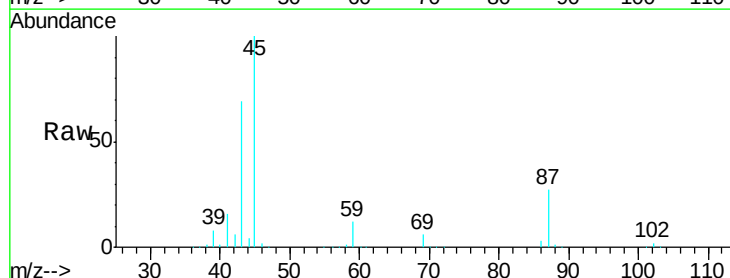
Ion Ratio Lower Upper

45 100

43 69.1 57.8 86.8

87 27.4 21.3 31.9

59 11.9 8.5 12.7

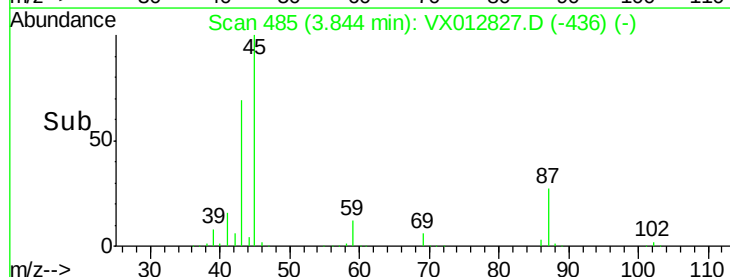
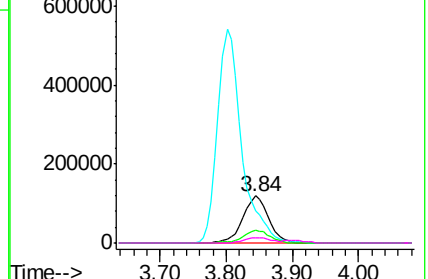


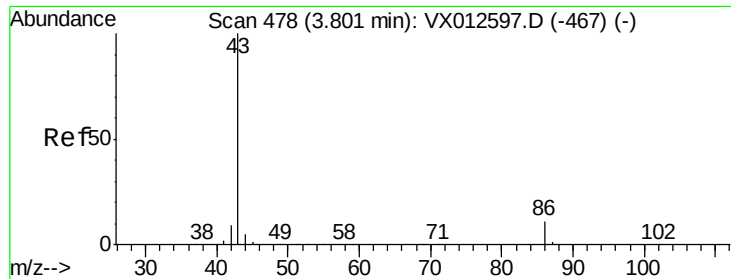
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 232.553 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

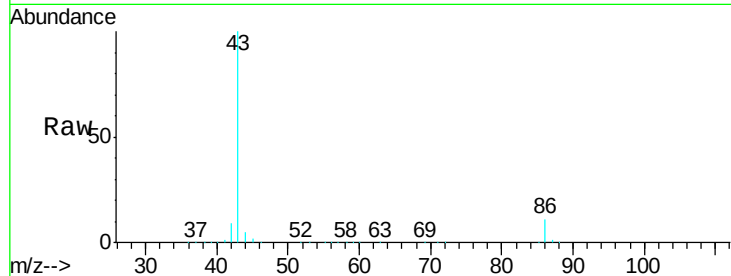
VSTDCCC050EC

Tgt Ion: 43 Resp: 1382171

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

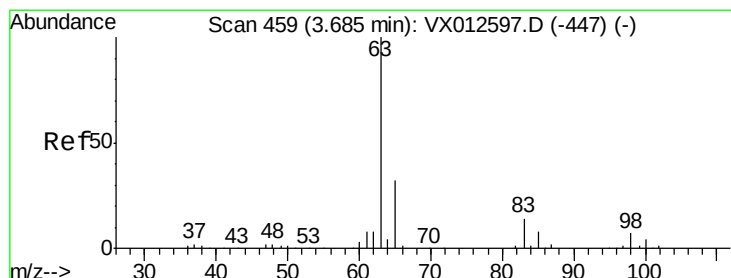
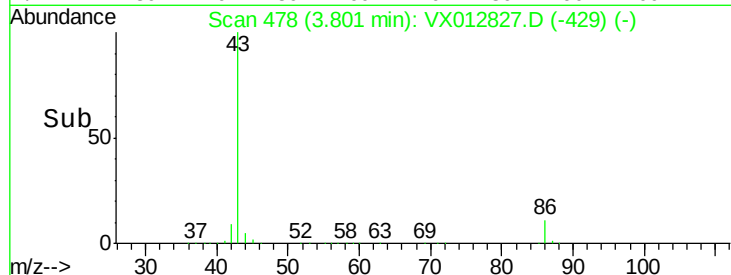
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 47.616 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

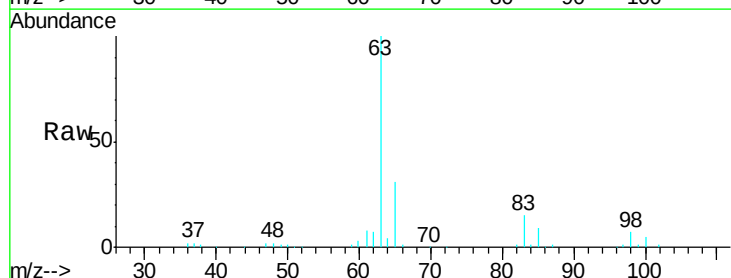
Tgt Ion: 63 Resp: 175420

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.5 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

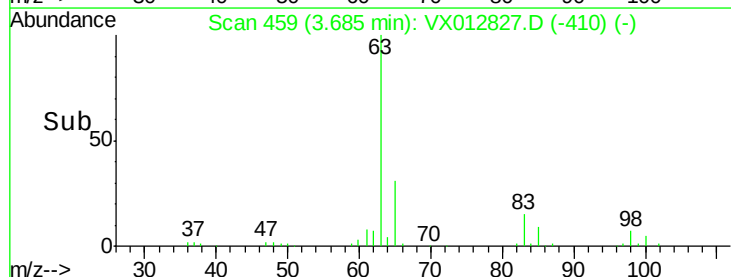
60000

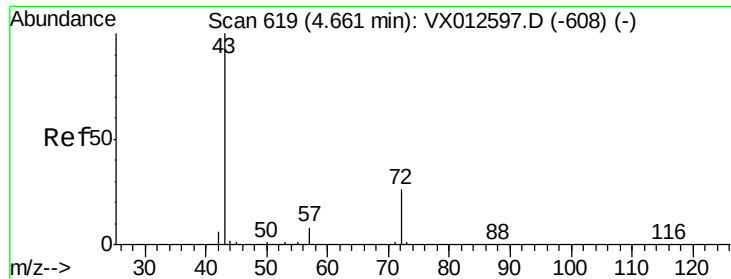
40000

20000

0

Time--> 3.60 3.70 3.80

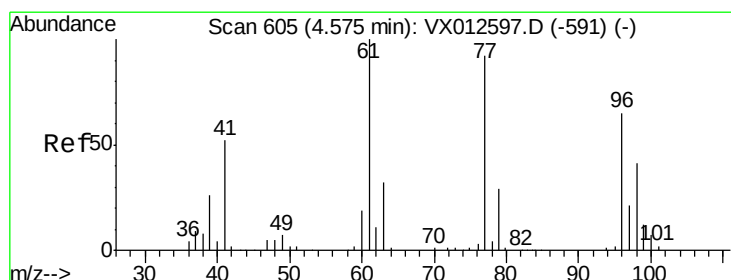
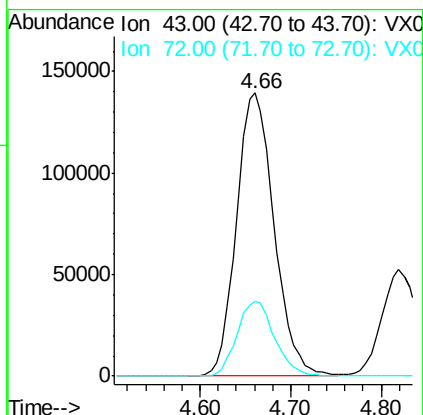
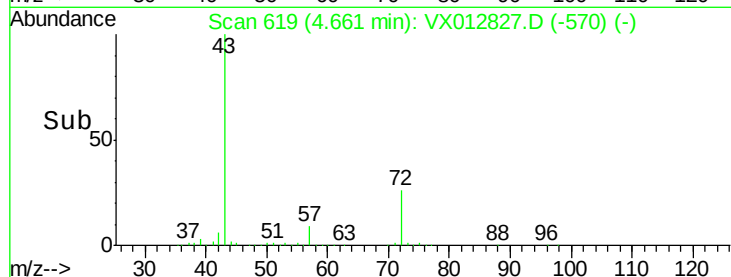
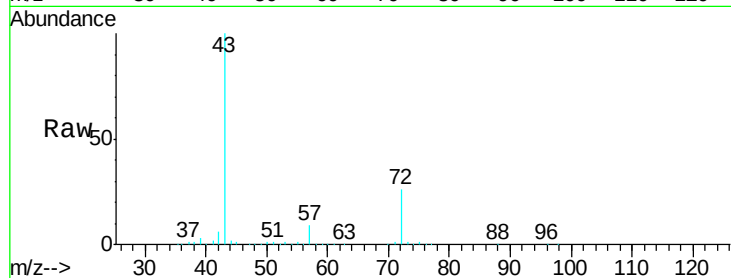




#25
2-Butanone
Concen: 219.236 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

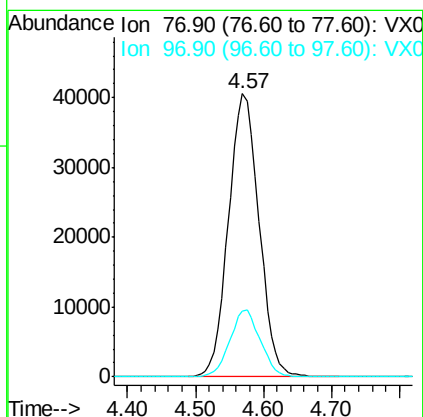
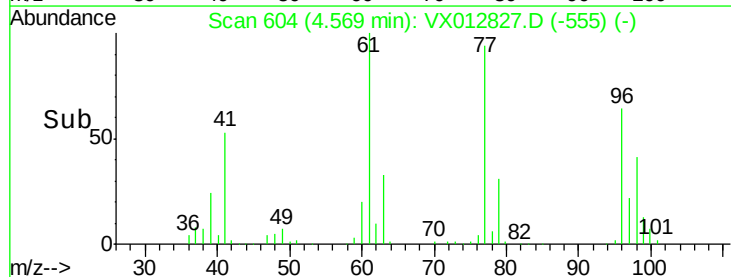
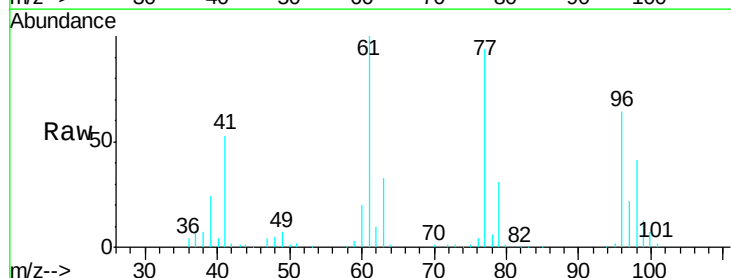
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

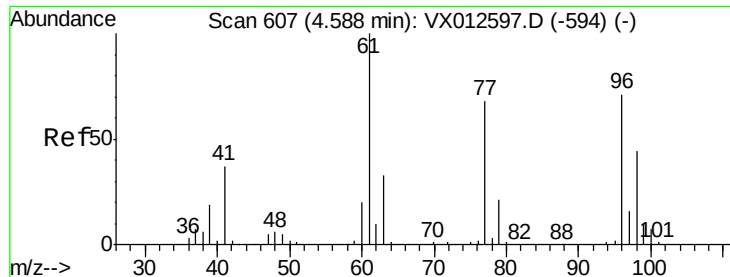
Tgt Ion: 43 Resp: 398679
Ion Ratio Lower Upper
43 100
72 26.3 19.2 28.8



#26
2,2-Dichloropropane
Concen: 38.579 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 77 Resp: 126408
Ion Ratio Lower Upper
77 100
97 23.6 10.5 31.6



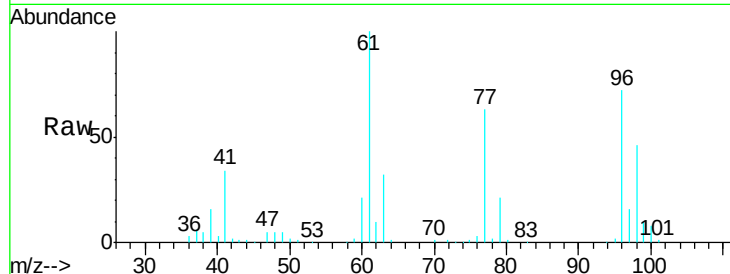


#27

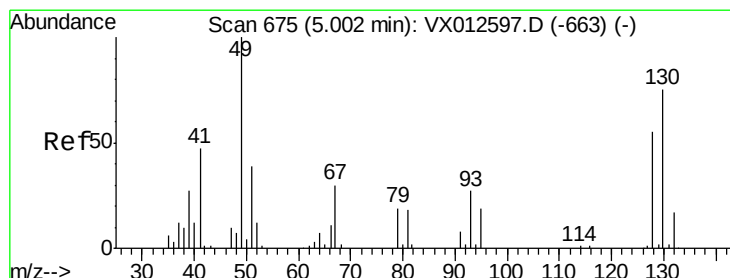
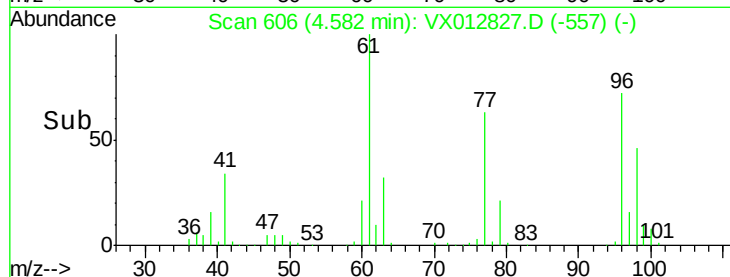
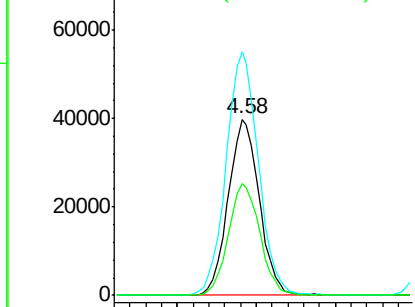
cis-1,2-Dichloroethene
Concen: 47.985 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 109049
Ion Ratio Lower Upper
96 100
61 143.6 0.0 319.4
98 64.5 0.0 130.6



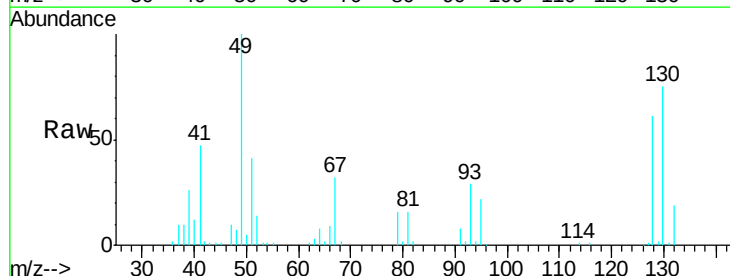
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



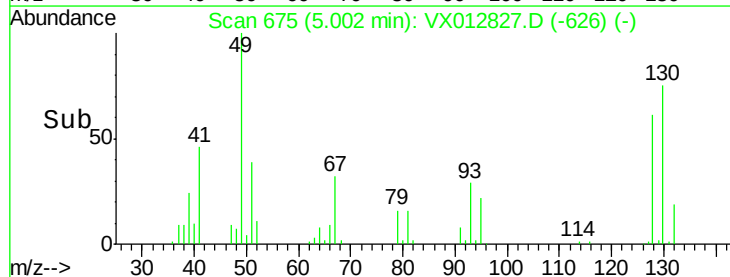
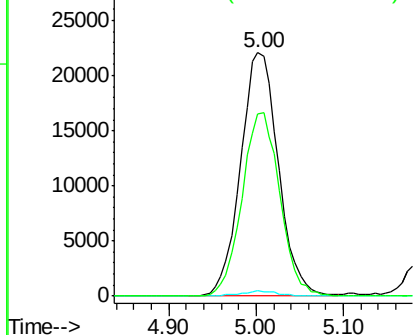
#28

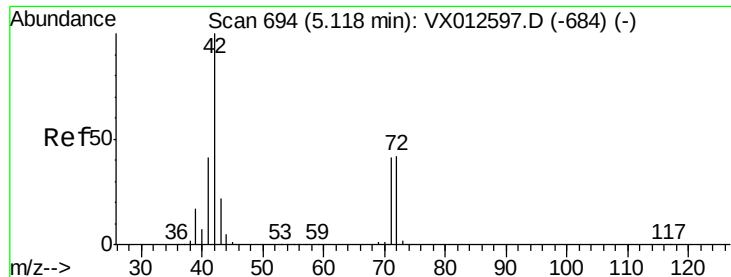
Bromochloromethane
Concen: 49.603 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 49 Resp: 66352
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 75.3 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

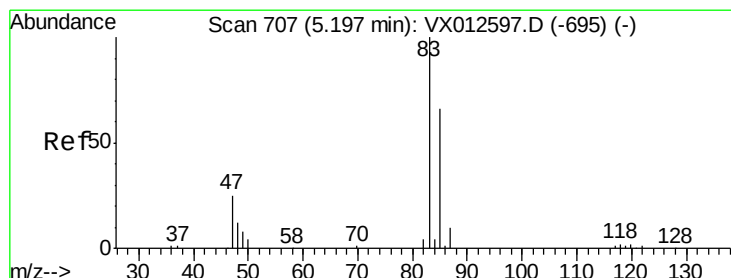
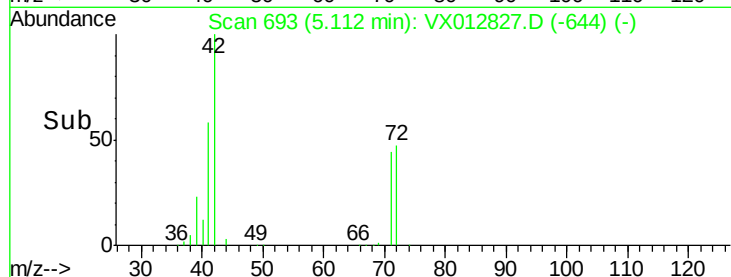
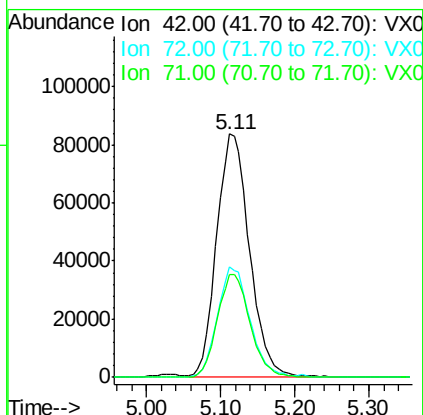
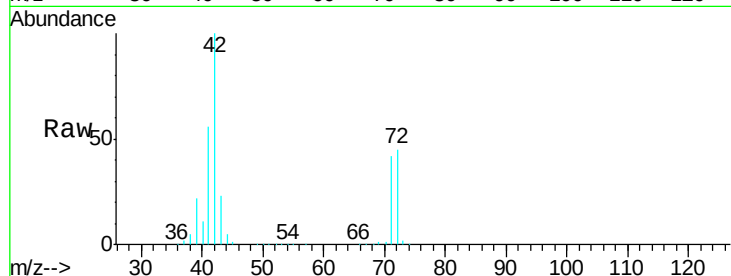




#29
Tetrahydrofuran
Concen: 230.229 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

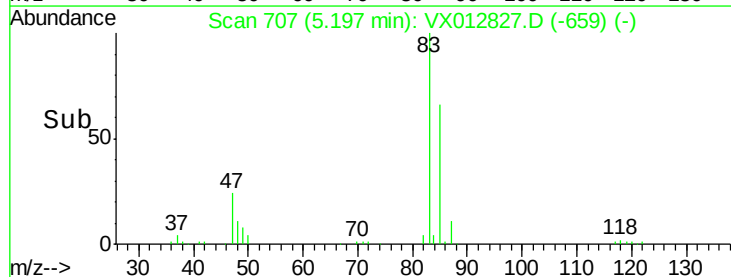
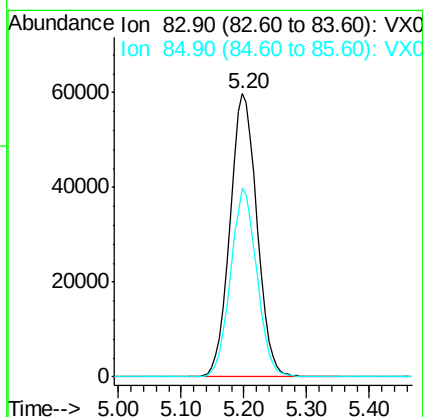
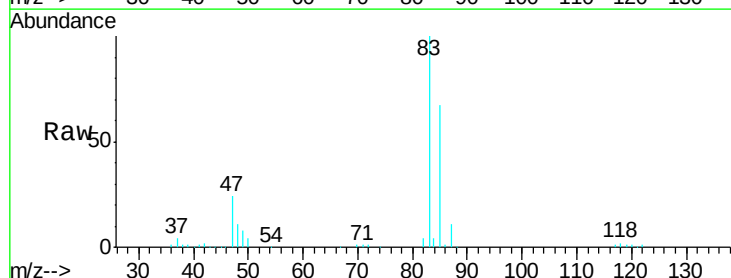
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

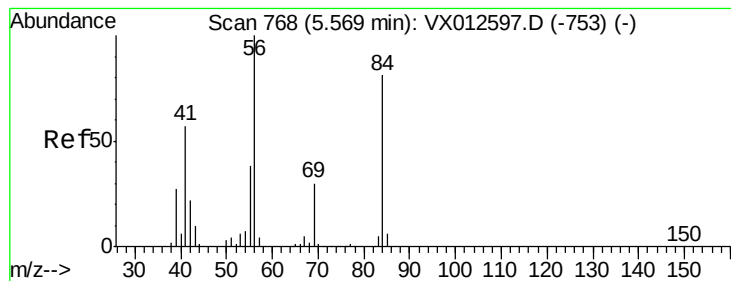
Tgt Ion: 42 Resp: 255180
Ion Ratio Lower Upper
42 100
72 45.5 34.0 51.0
71 42.4 31.5 47.3



#30
Chloroform
Concen: 47.181 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 83 Resp: 177830
Ion Ratio Lower Upper
83 100
85 66.6 53.0 79.4





#31

Cyclohexane

Concen: 45.211 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

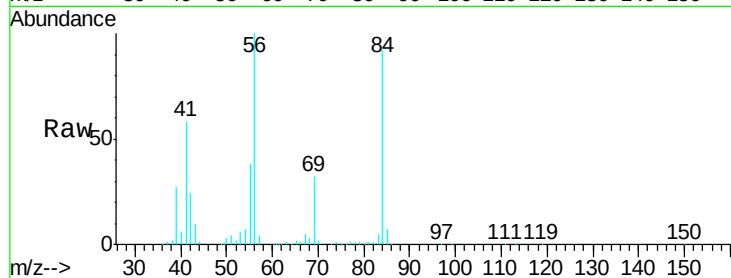
Tgt Ion: 56 Resp: 150681

Ion Ratio Lower Upper

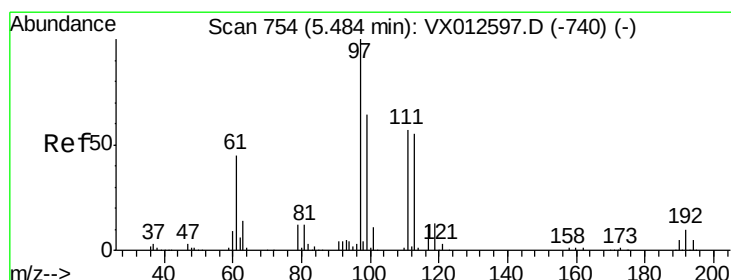
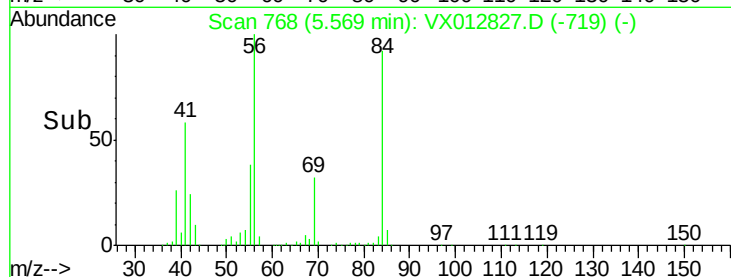
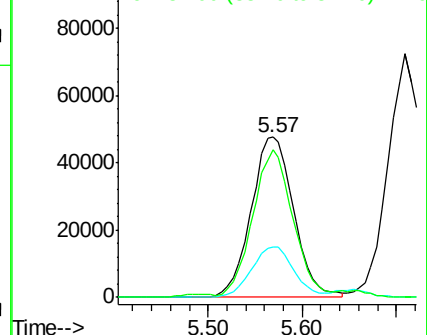
56 100

69 31.6 25.0 37.6

84 90.7 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.517 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

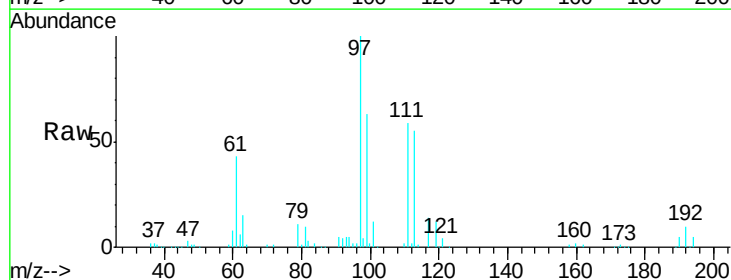
Tgt Ion: 97 Resp: 155387

Ion Ratio Lower Upper

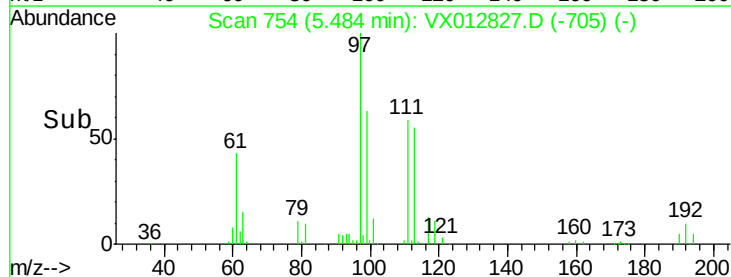
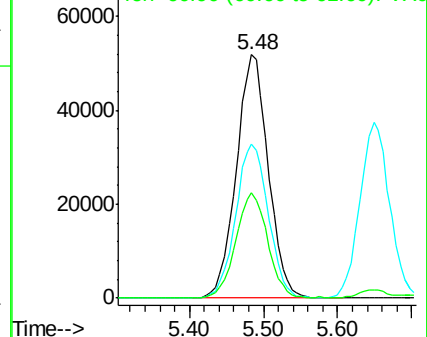
97 100

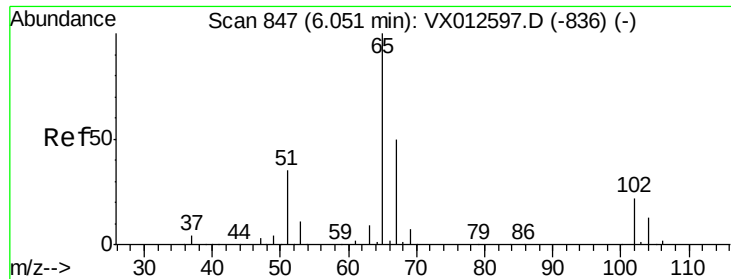
99 64.7 51.3 76.9

61 43.1 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

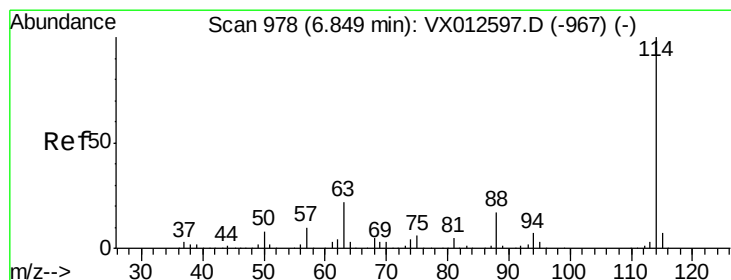
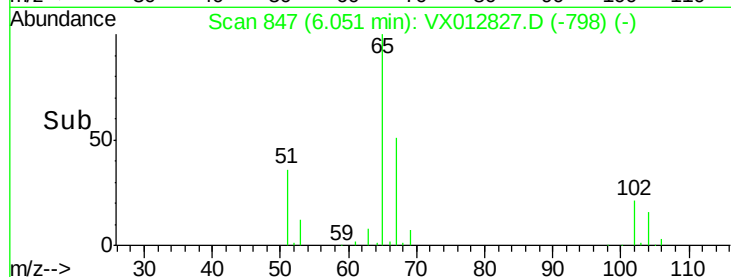
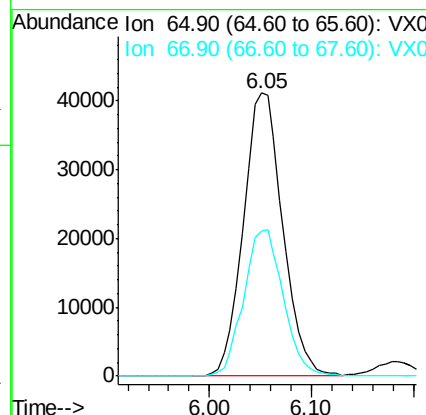
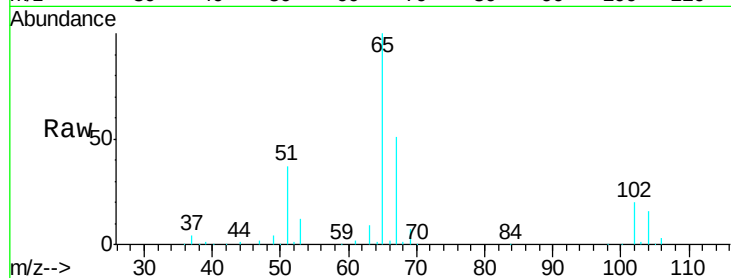




#33
 1,2-Dichloroethane-d4
 Concen: 46.048 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

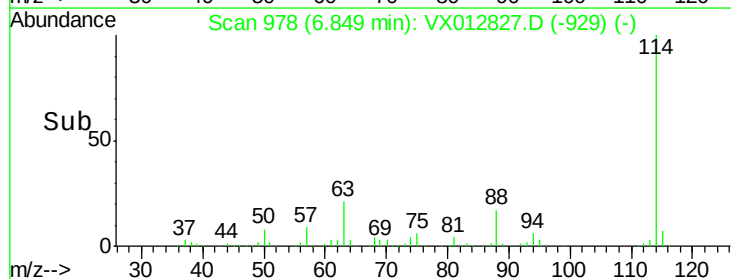
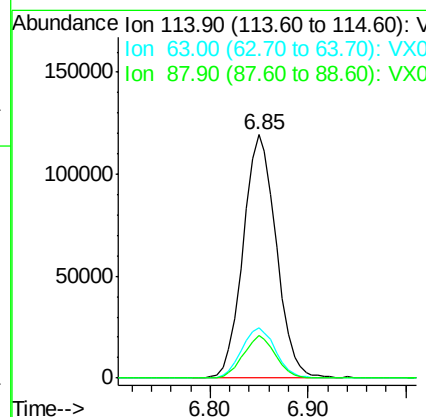
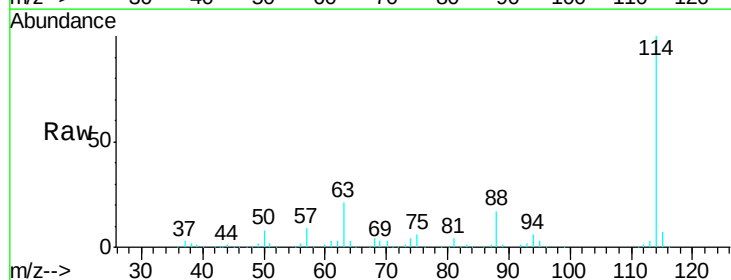
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

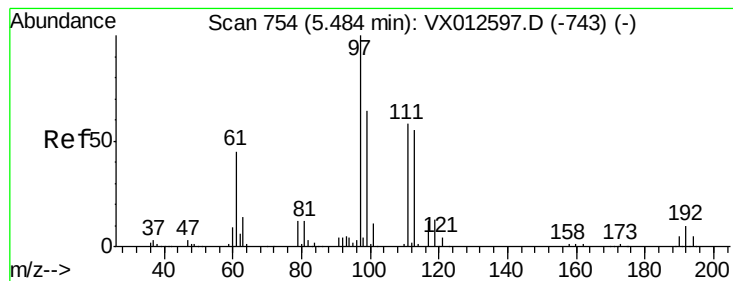
Tgt Ion: 65 Resp: 110256
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion: 114 Resp: 279752
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.223 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

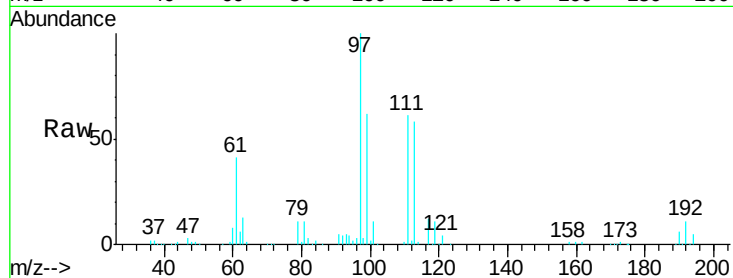
Tgt Ion:113 Resp: 85340

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

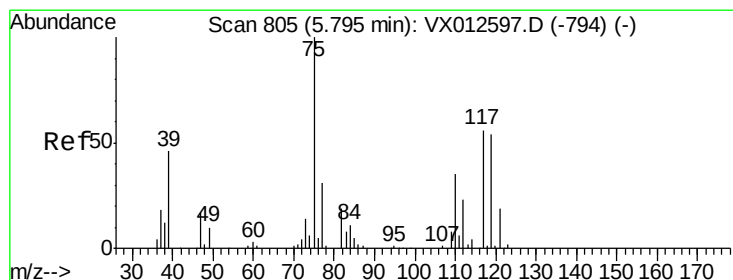
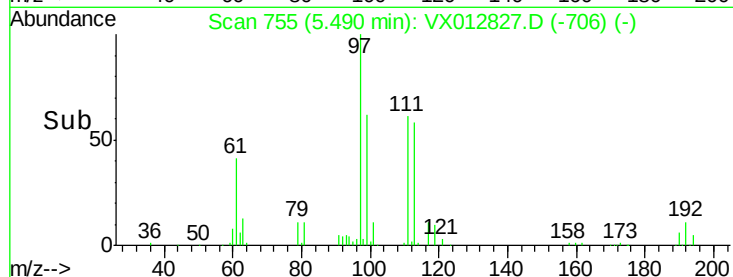
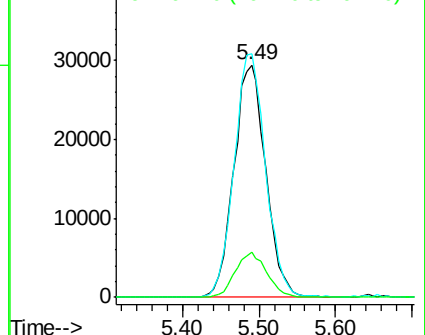
192 19.0 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.872 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

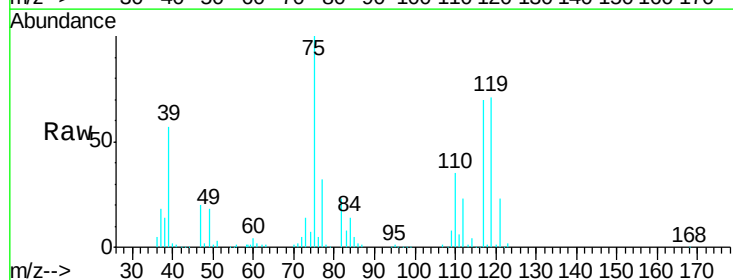
Tgt Ion: 75 Resp: 129088

Ion Ratio Lower Upper

75 100

110 35.5 16.7 50.0

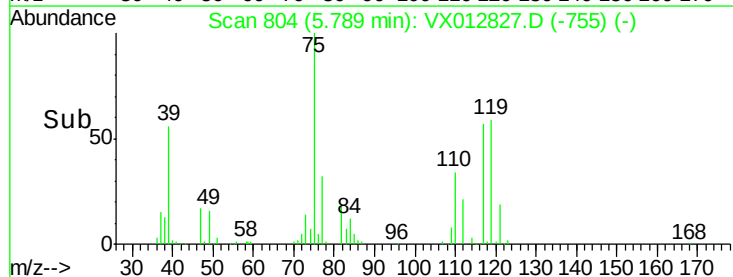
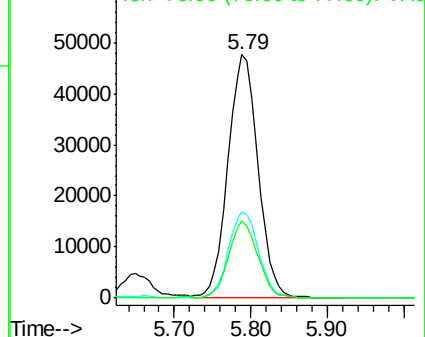
77 31.1 24.2 36.2

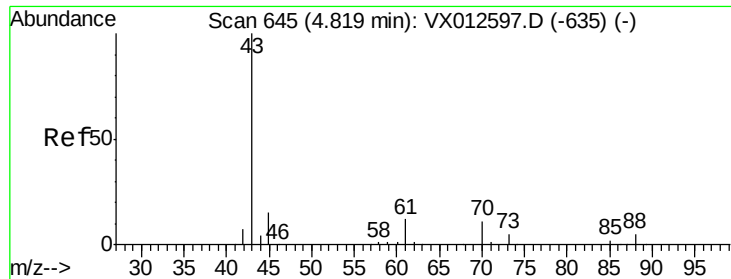


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.558 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

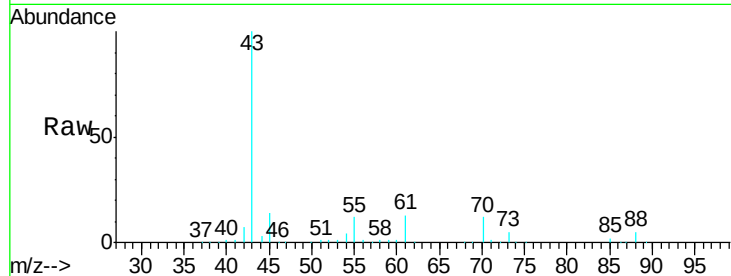
Tgt Ion: 43 Resp: 149926

Ion Ratio Lower Upper

43 100

61 14.6 10.2 15.4

70 12.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

150000

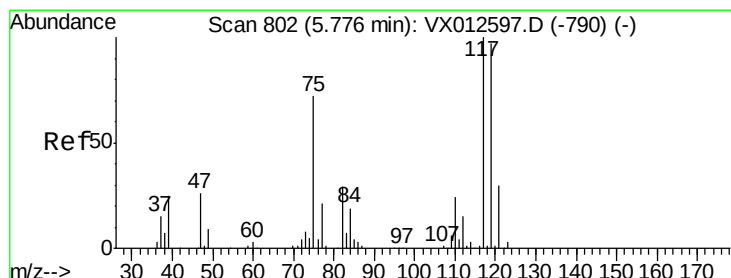
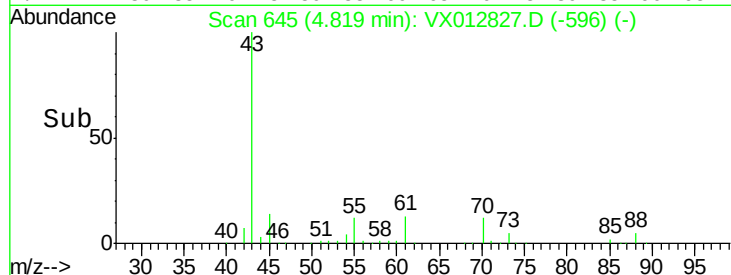
100000

50000

0

4.70 4.80 4.90

Time-->



#38

Carbon Tetrachloride

Concen: 47.577 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

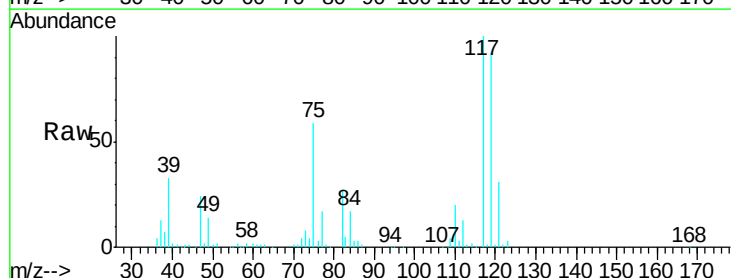
Tgt Ion: 117 Resp: 130321

Ion Ratio Lower Upper

117 100

119 92.0 75.7 113.5

121 30.6 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

60000

50000

40000

30000

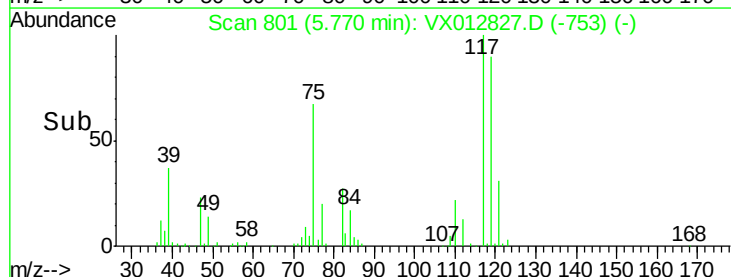
20000

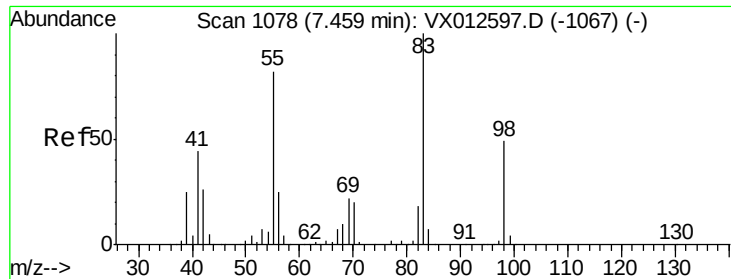
10000

0

5.70 5.80 5.90

Time-->

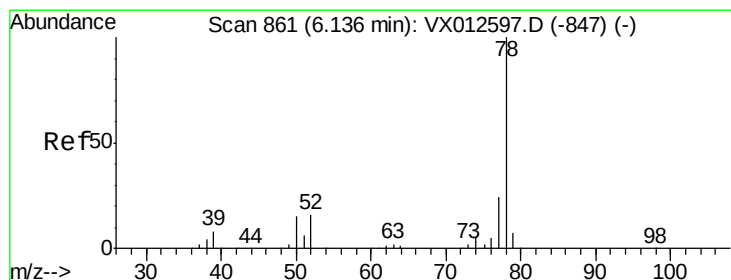
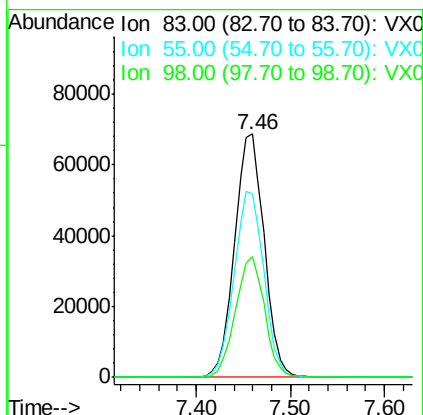
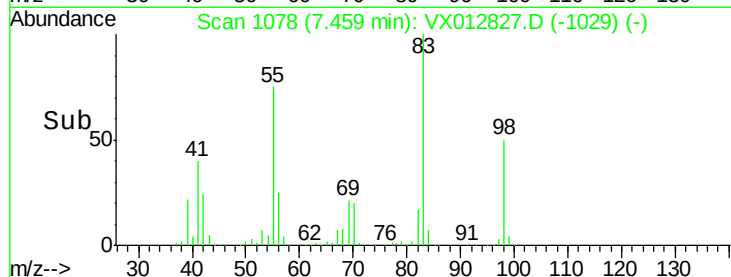
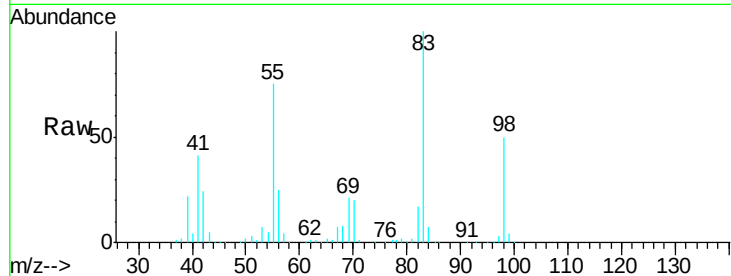




#39
Methylcyclohexane
Concen: 46.385 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

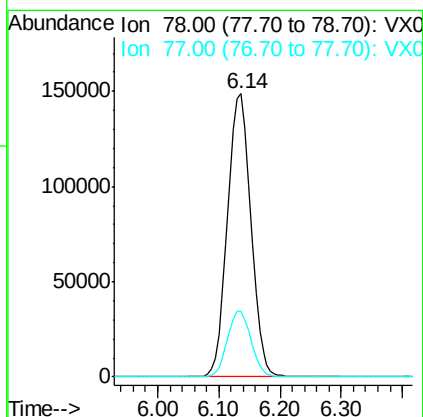
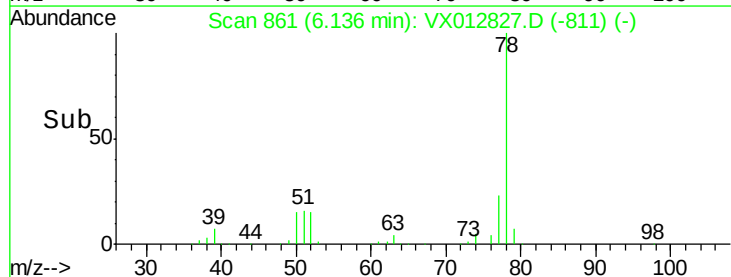
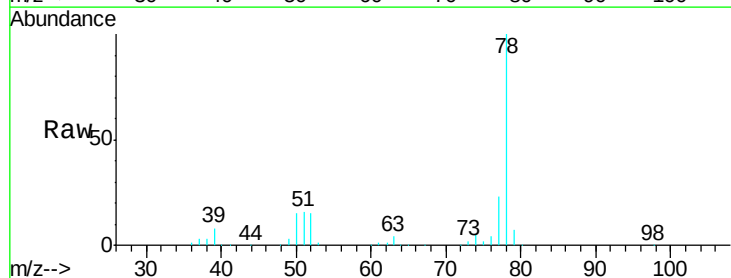
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

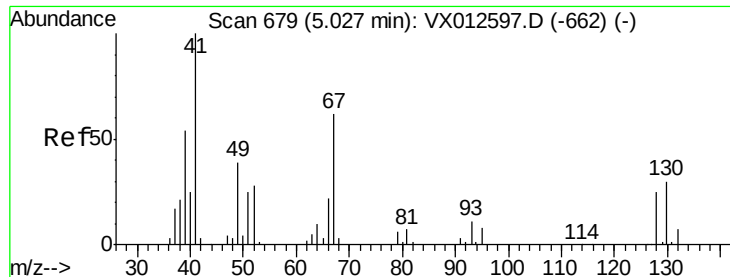
Tgt Ion: 83 Resp: 150576
Ion Ratio Lower Upper
83 100
55 75.4 64.4 96.6
98 49.5 40.1 60.1



#40
Benzene
Concen: 49.439 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 78 Resp: 392248
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

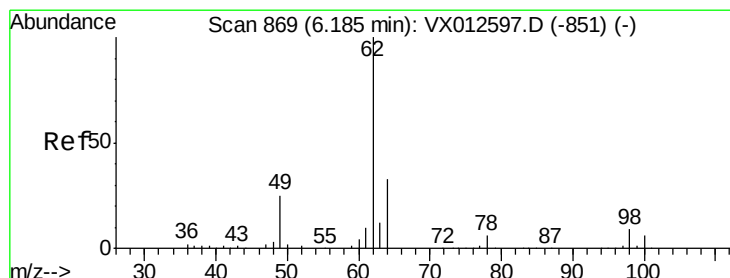
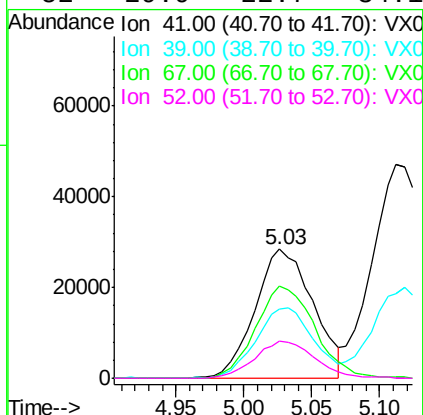
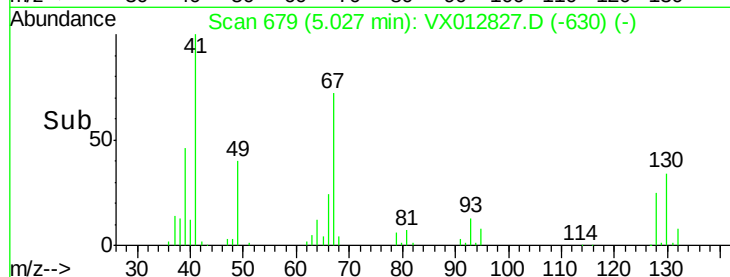
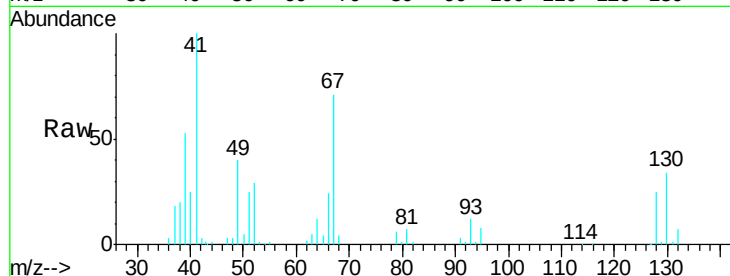




#41
Methacrylonitrile
Concen: 47.863 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

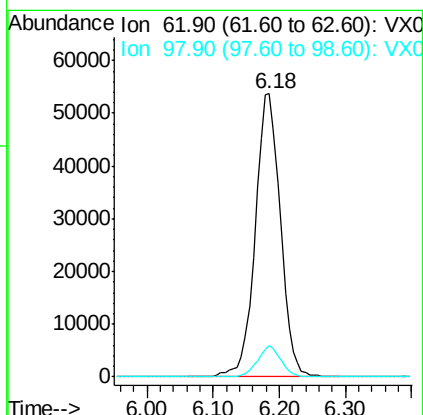
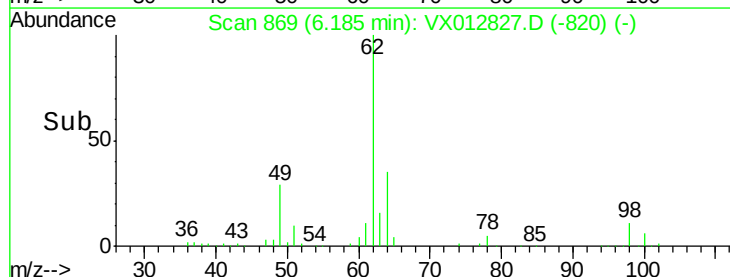
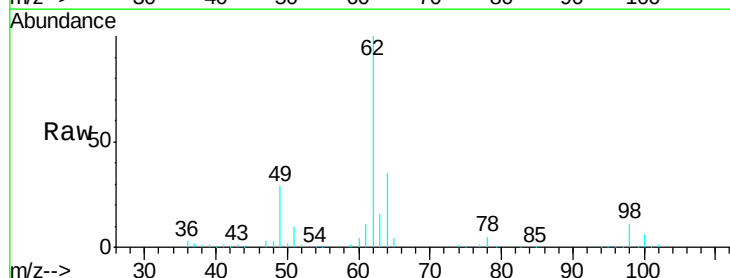
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

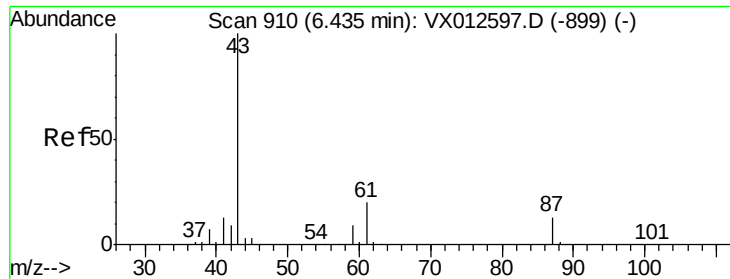
Tgt Ion:	41	Resp:	84659
Ion	Ratio	Lower	Upper
41	100		
39	53.4	46.0	69.0
67	72.8	52.2	78.2
52	29.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 47.294 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion:	62	Resp:	142488
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 47.795 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

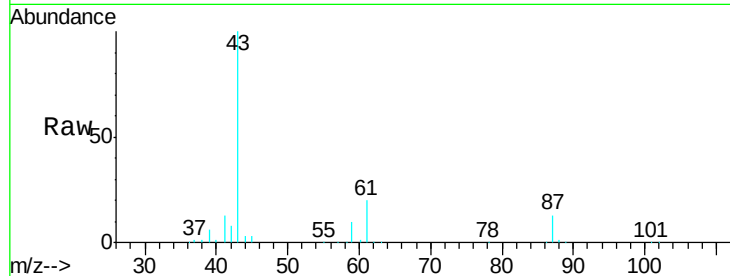
Tgt Ion: 43 Resp: 251972

Ion Ratio Lower Upper

43 100

61 20.7 15.4 23.0

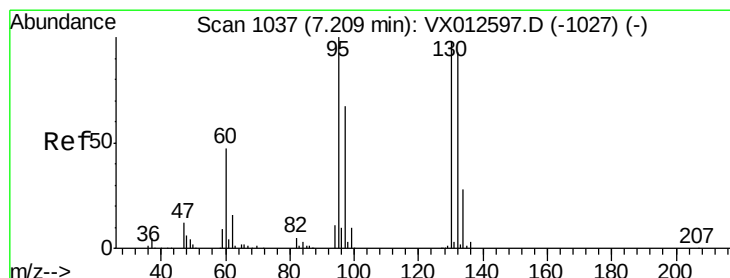
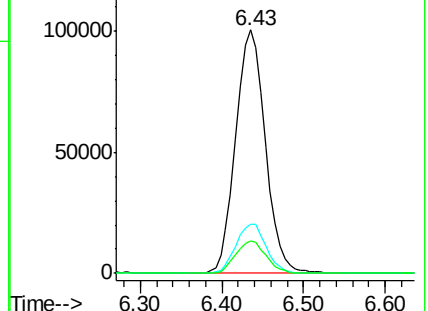
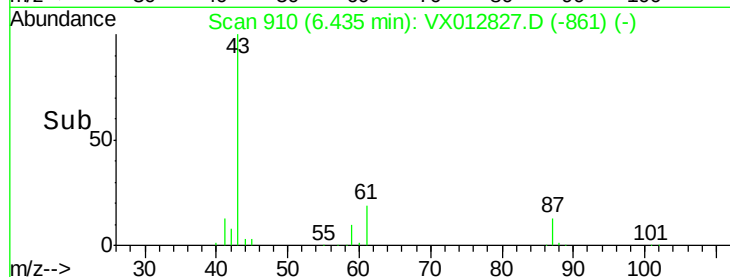
87 13.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.037 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012827.D

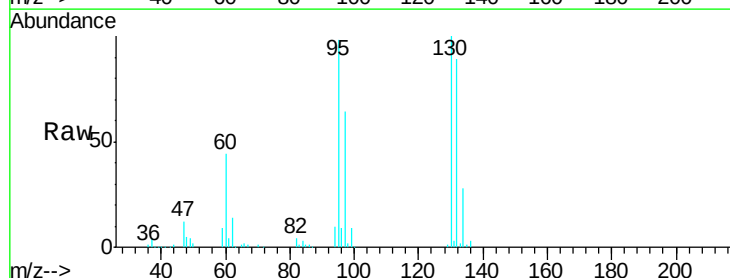
Acq: 04 Oct 2019 21:14

Tgt Ion: 130 Resp: 101489

Ion Ratio Lower Upper

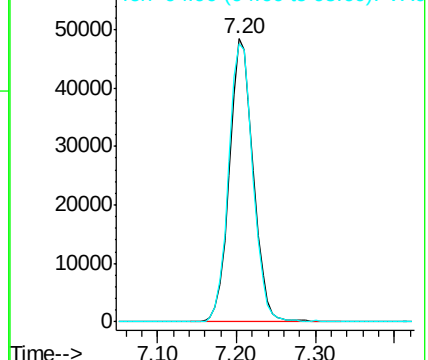
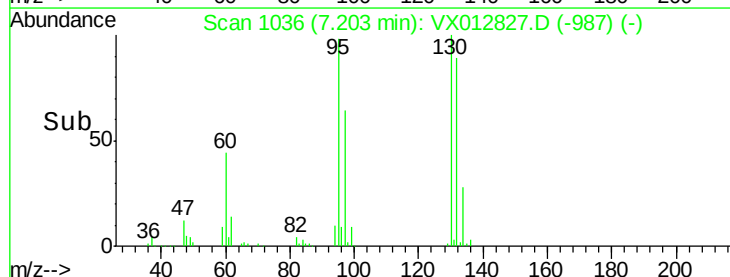
130 100

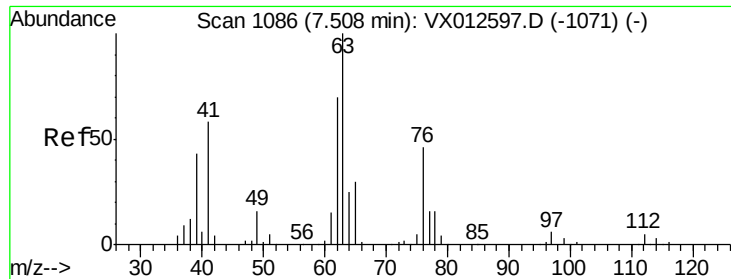
95 98.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

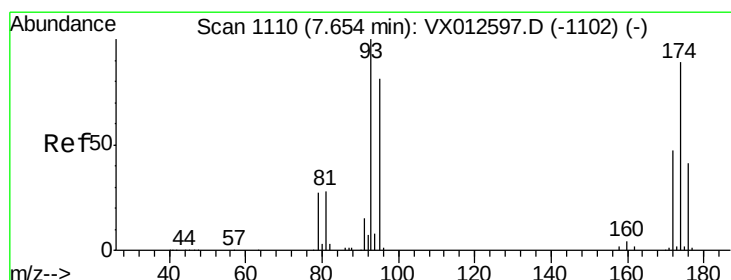
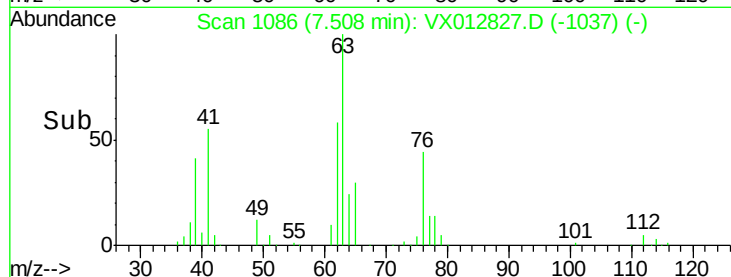
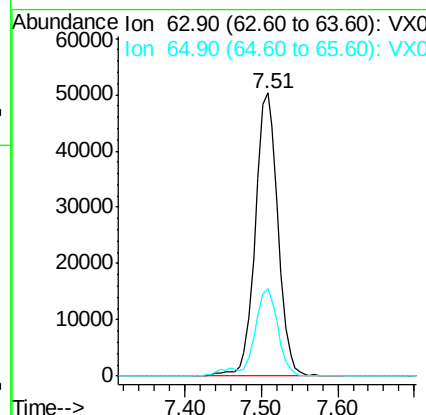
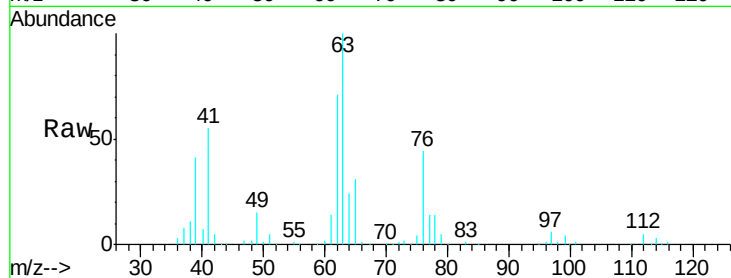




#45
 1,2-Dichloropropane
 Concen: 51.092 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

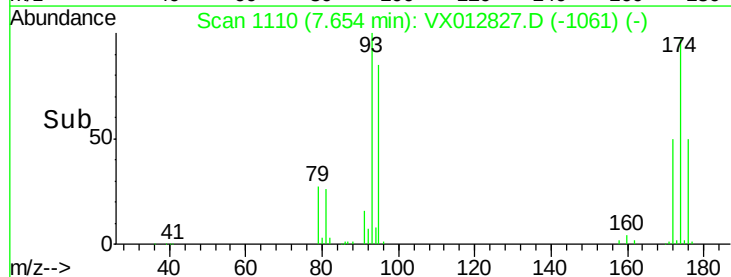
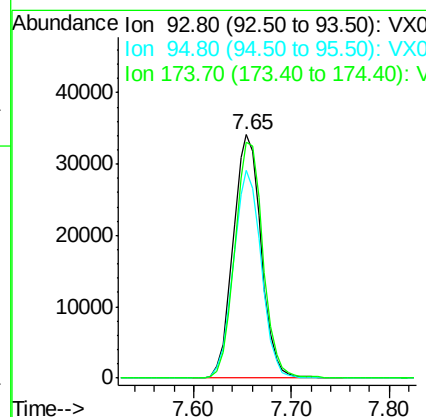
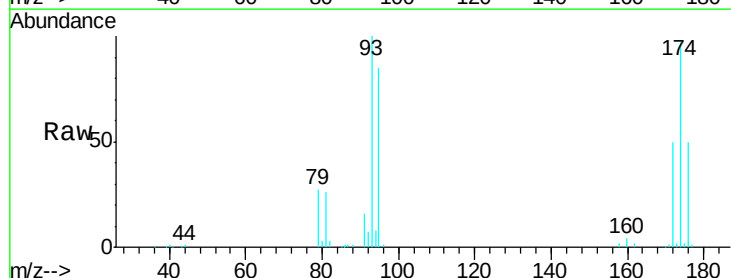
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

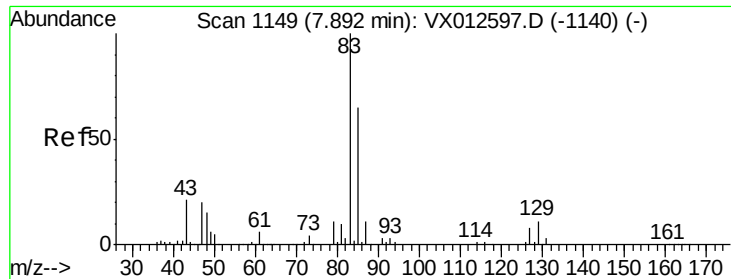
Tgt Ion: 63 Resp: 103782
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6



#46
 Dibromomethane
 Concen: 48.746 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion: 93 Resp: 67415
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.6 100.0
 174 97.4 77.4 116.0





#47

Bromodichloromethane

Concen: 50.403 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

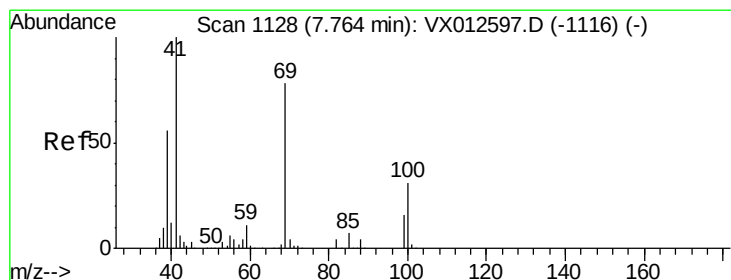
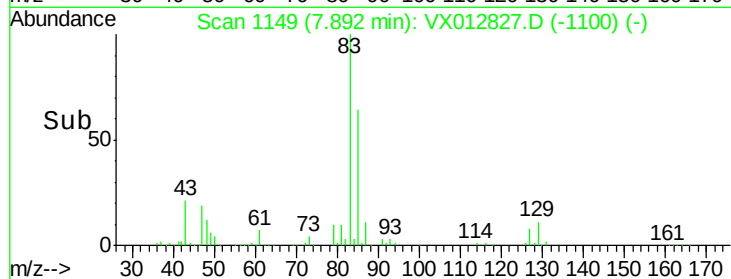
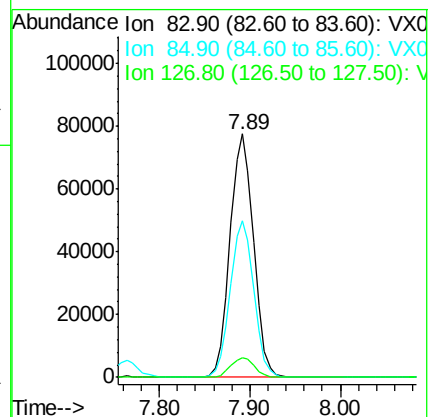
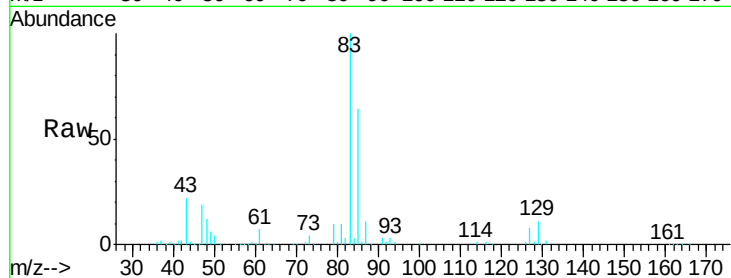
Tgt Ion: 83 Resp: 139317

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

127 8.3 7.3 10.9



#48

Methyl methacrylate

Concen: 48.069 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

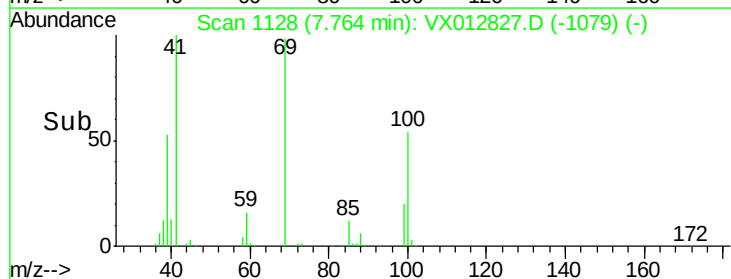
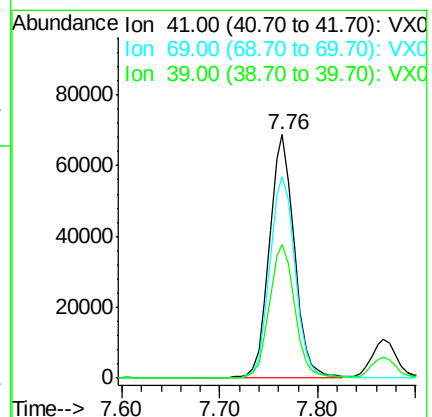
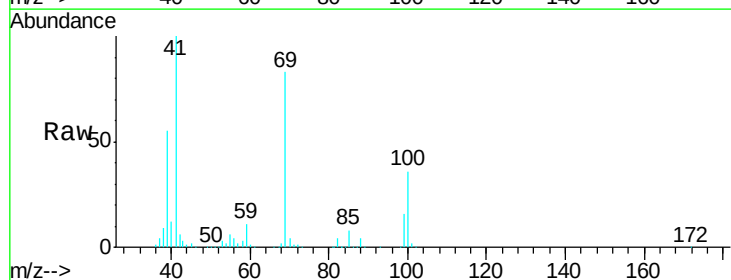
Tgt Ion: 41 Resp: 121513

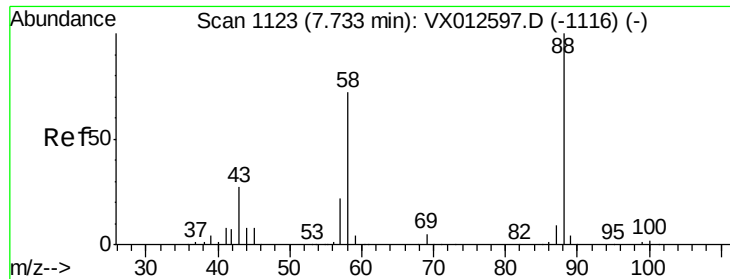
Ion Ratio Lower Upper

41 100

69 85.5 59.9 89.9

39 56.3 47.8 71.6

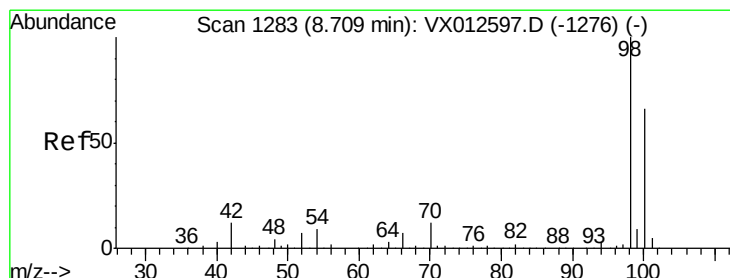
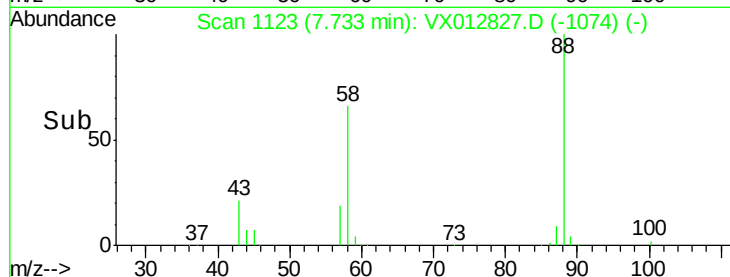
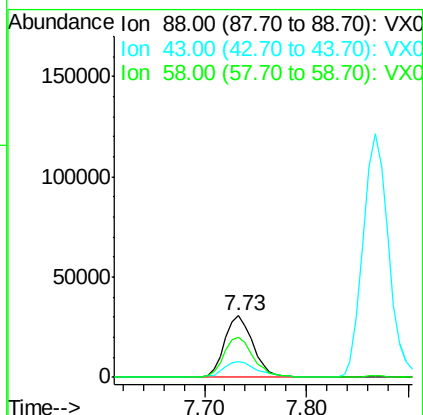
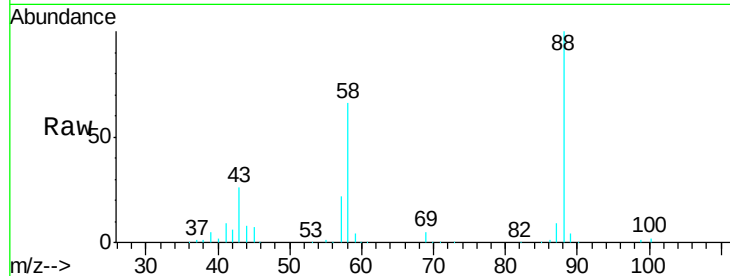




#49
1,4-Dioxane
Concen: 1041.007 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

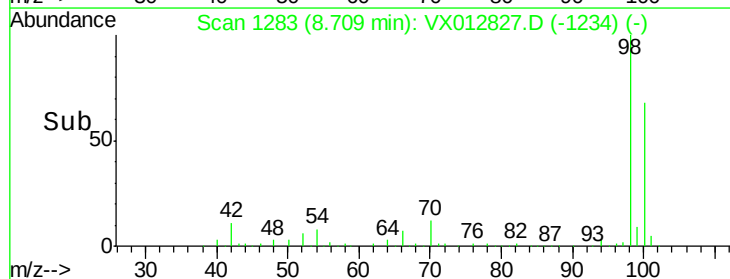
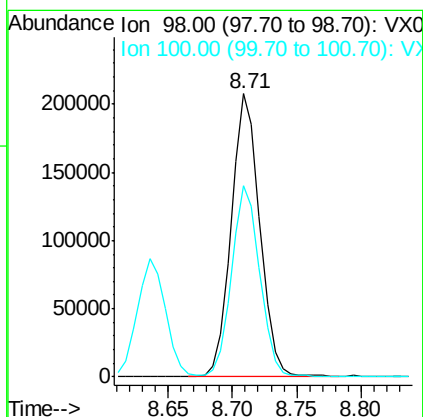
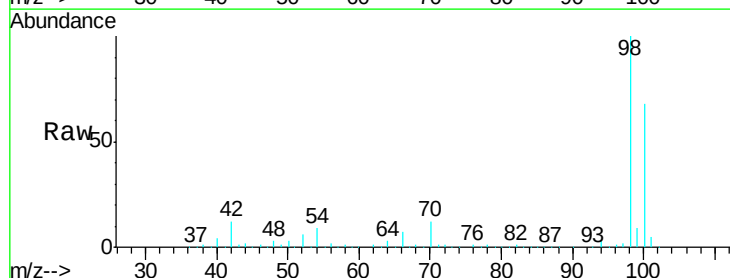
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

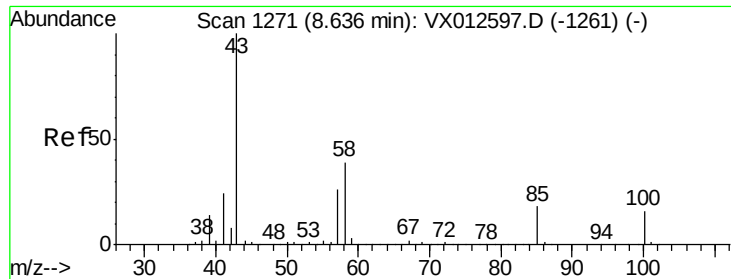
Tgt Ion: 88 Resp: 59688
Ion Ratio Lower Upper
88 100
43 31.3 29.4 44.0
58 68.0 57.5 86.3



#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 98 Resp: 321118
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 242.354 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

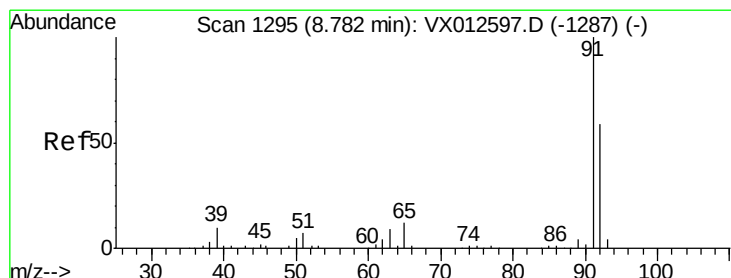
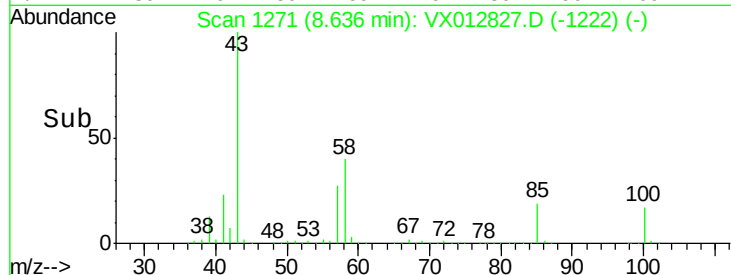
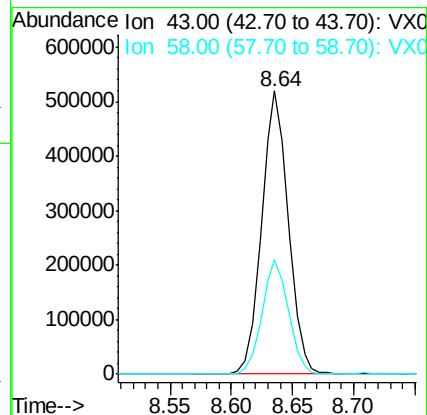
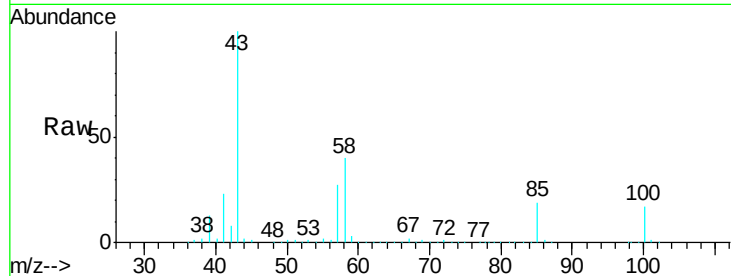
VSTDCCC050EC

Tgt Ion: 43 Resp: 788691

Ion Ratio Lower Upper

43 100

58 40.2 29.8 44.6



#52

Toluene

Concen: 49.851 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012827.D

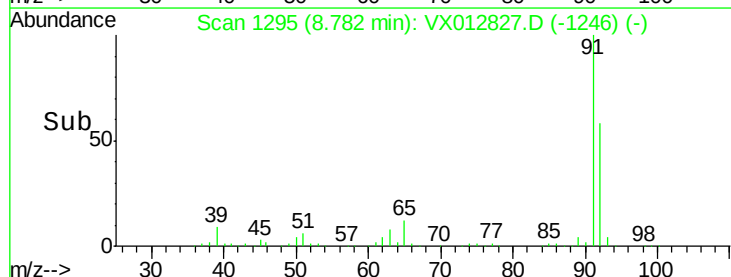
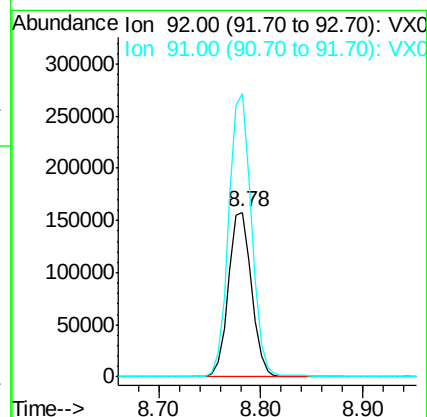
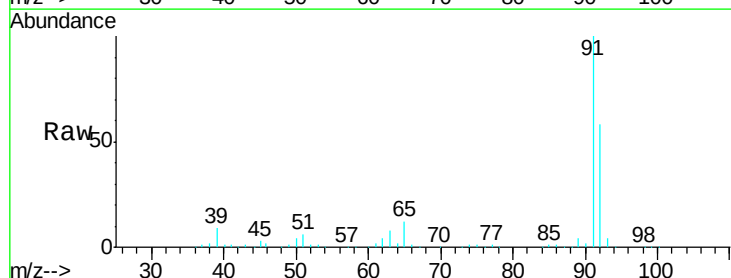
Acq: 04 Oct 2019 21:14

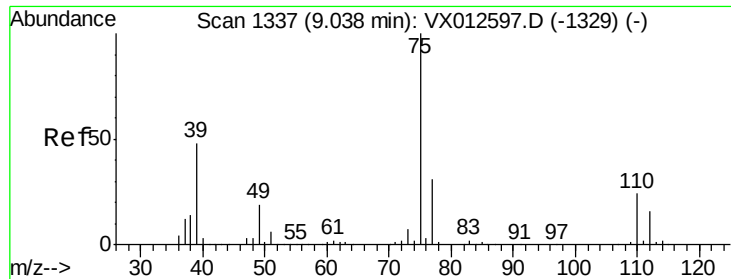
Tgt Ion: 92 Resp: 248585

Ion Ratio Lower Upper

92 100

91 170.1 135.4 203.0

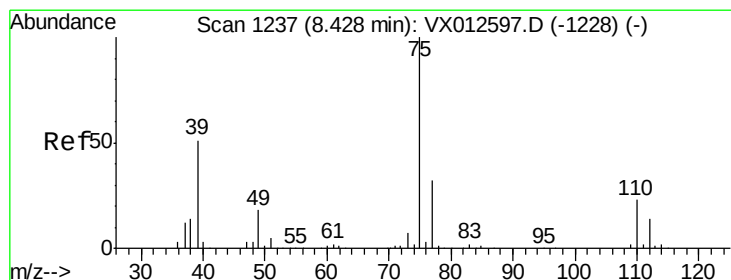
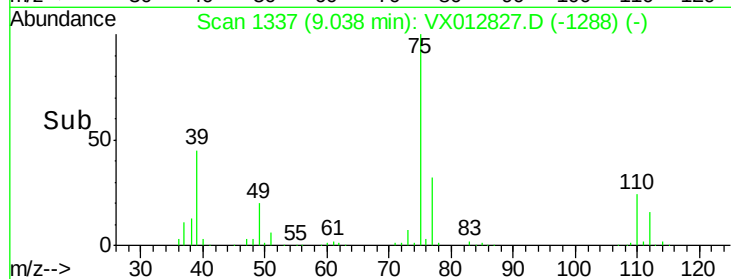
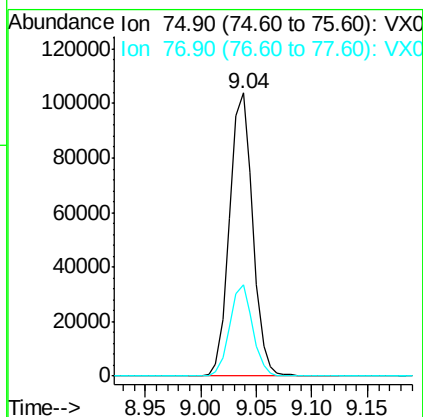
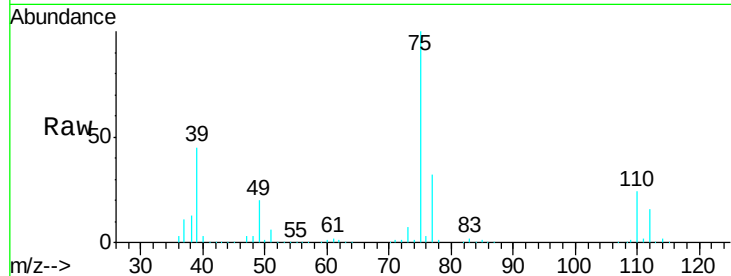




#53
 t-1,3-Dichloropropene
 Concen: 49.150 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

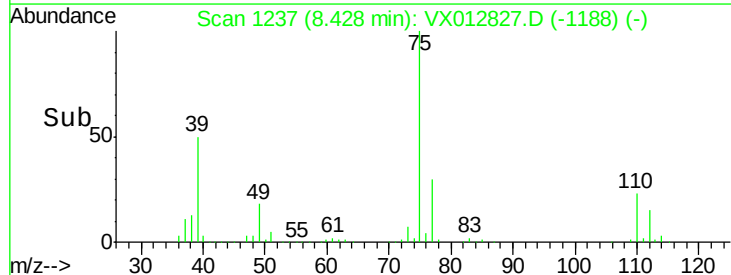
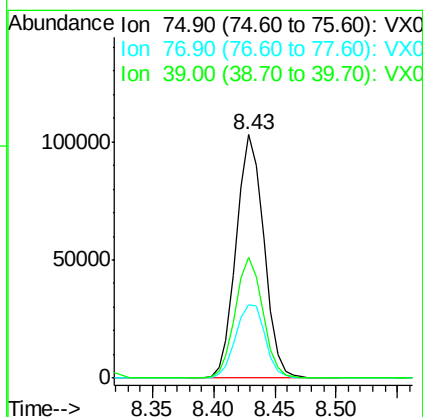
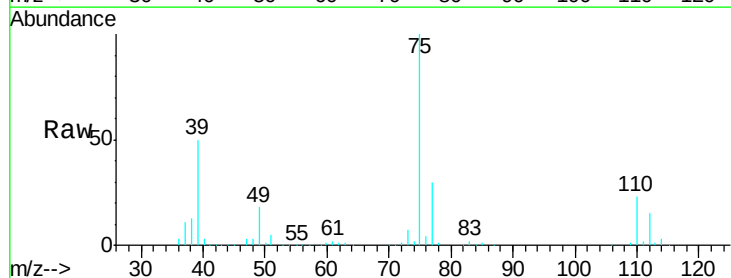
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

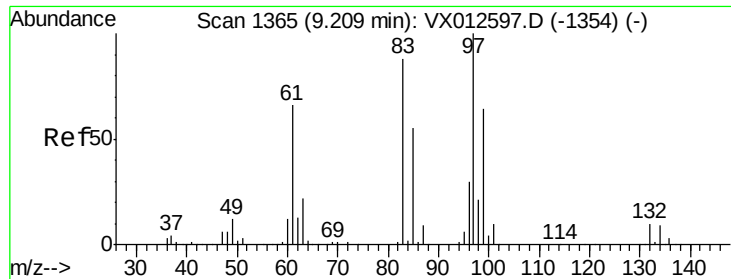
Tgt Ion: 75 Resp: 150310
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.362 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion: 75 Resp: 161486
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.8
 39 49.6 45.5 68.3

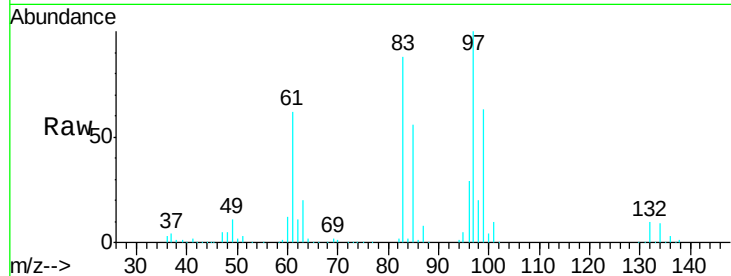




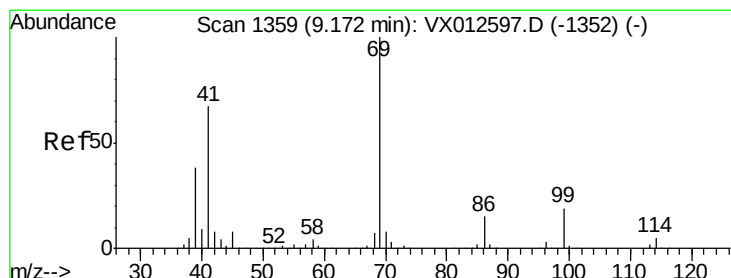
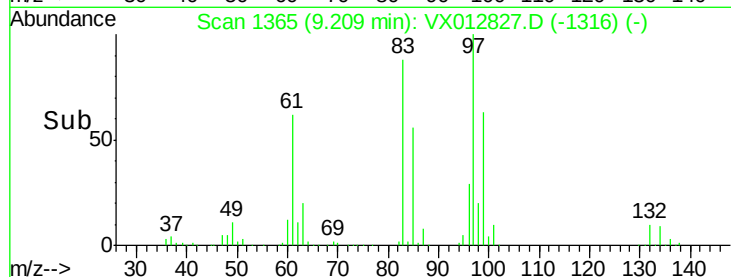
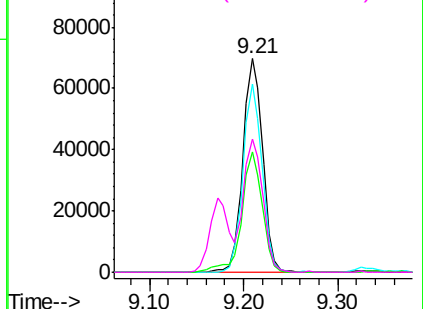
#55
 1,1,2-Trichloroethane
 Concen: 51.401 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	101902
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.4	101.2
85	56.1	43.5	65.3
99	62.6	51.8	77.8

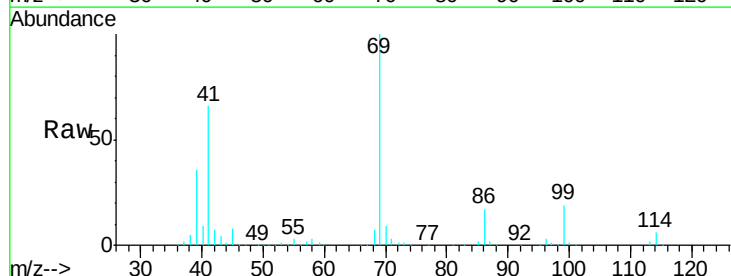


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

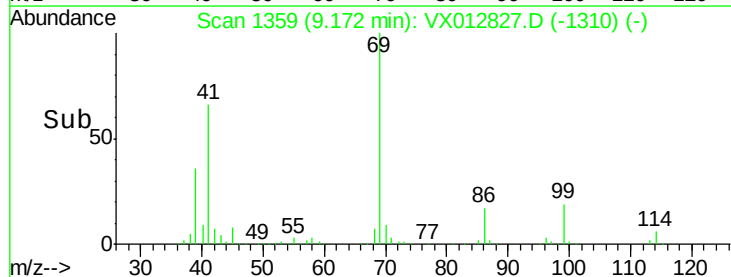
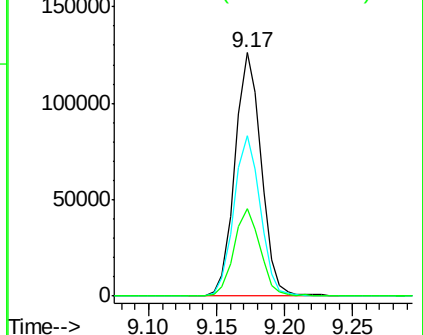


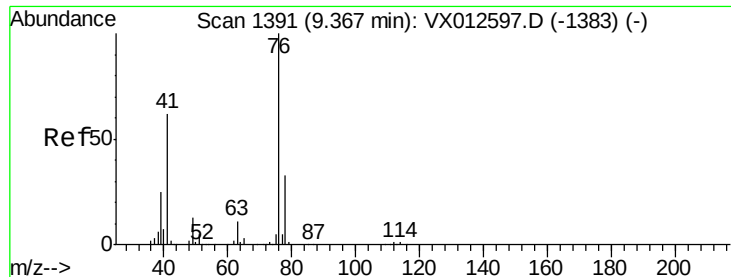
#56
 Ethyl methacrylate
 Concen: 51.185 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion:	69	Resp:	170477
Ion	Ratio	Lower	Upper
69	100		
41	66.5	58.4	87.6
39	35.5	33.4	50.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.154 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

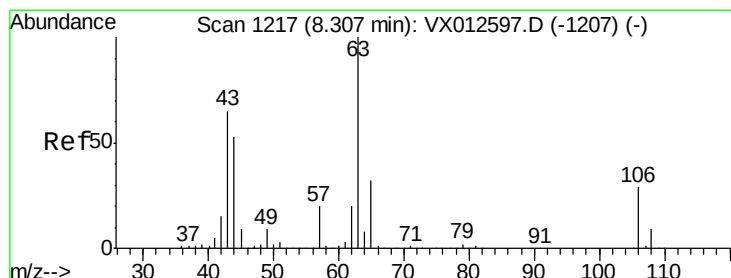
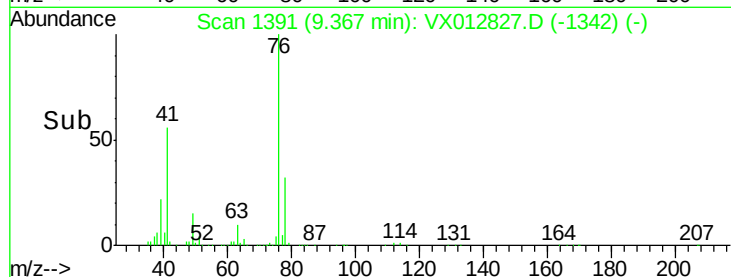
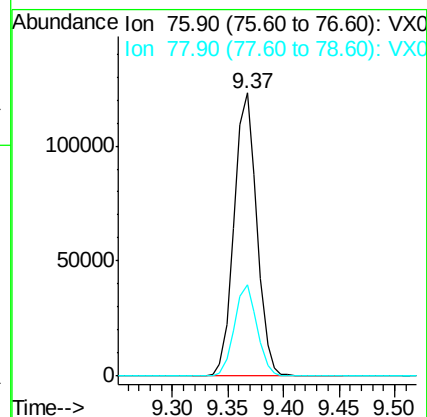
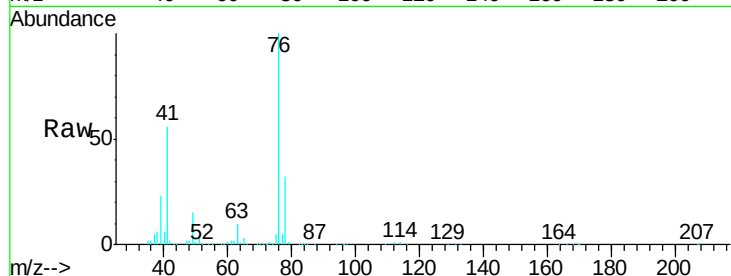
VSTDCCC050EC

Tgt Ion: 76 Resp: 174020

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 259.947 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012827.D

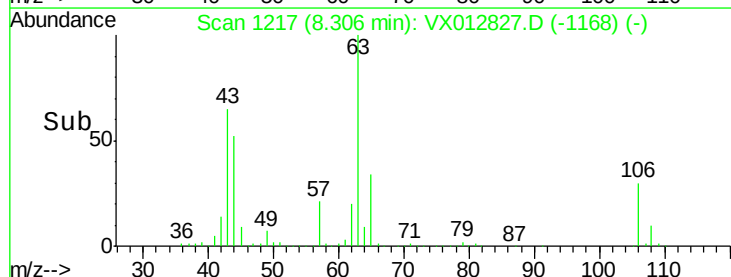
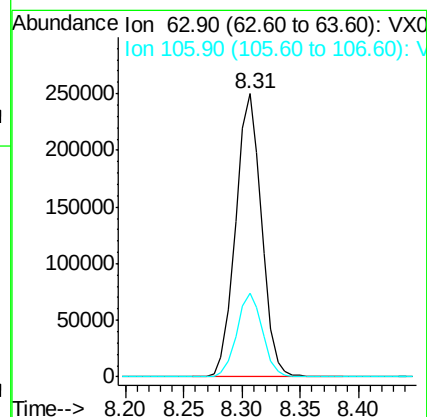
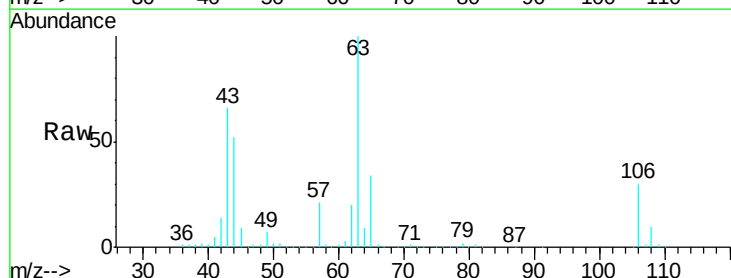
Acq: 04 Oct 2019 21:14

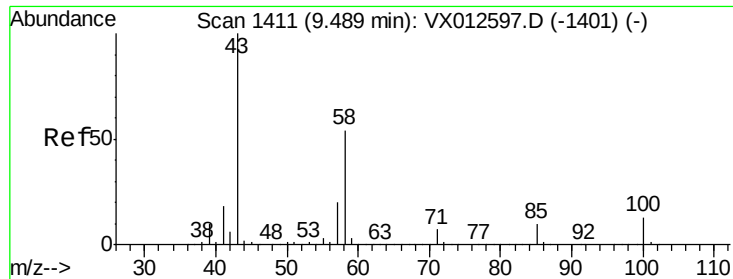
Tgt Ion: 63 Resp: 388626

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.6

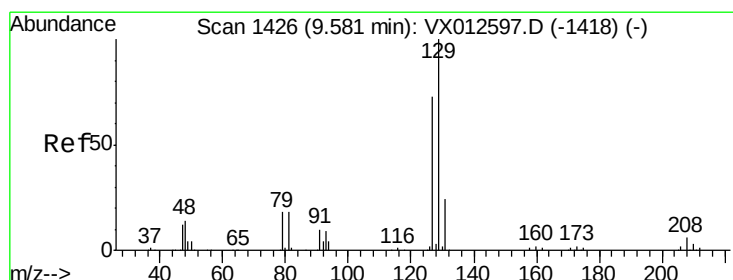
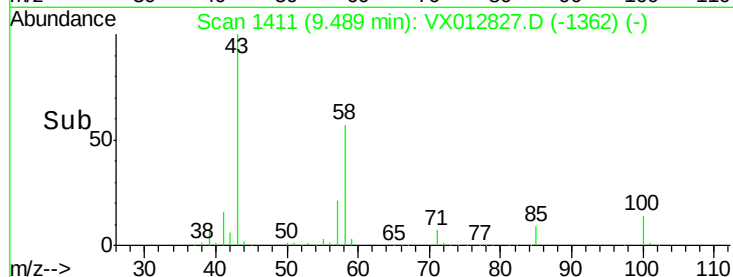
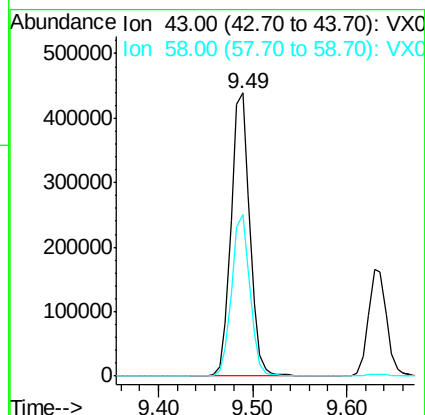
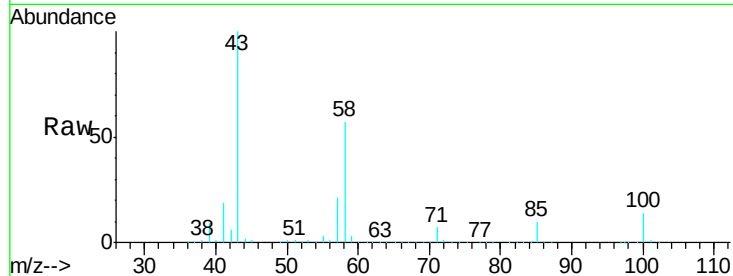




#59
2-Hexanone
Concen: 243.420 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

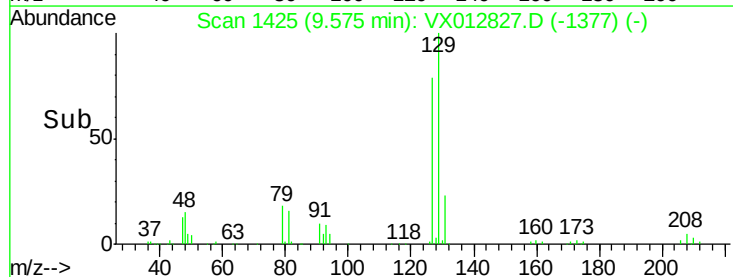
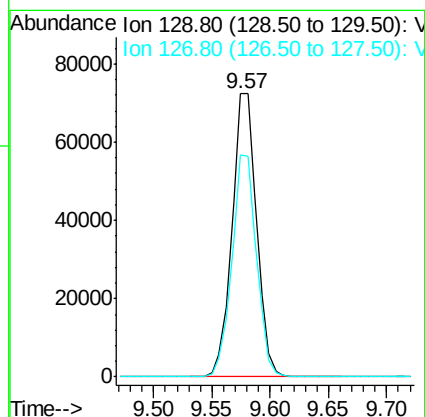
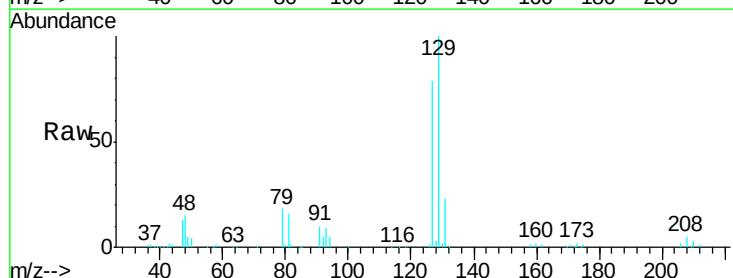
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

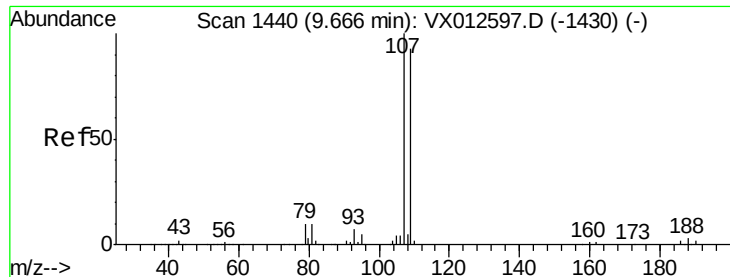
Tgt Ion: 43 Resp: 606350
Ion Ratio Lower Upper
43 100
58 56.0 25.7 77.1



#60
Dibromochloromethane
Concen: 53.006 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 129 Resp: 106376
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6

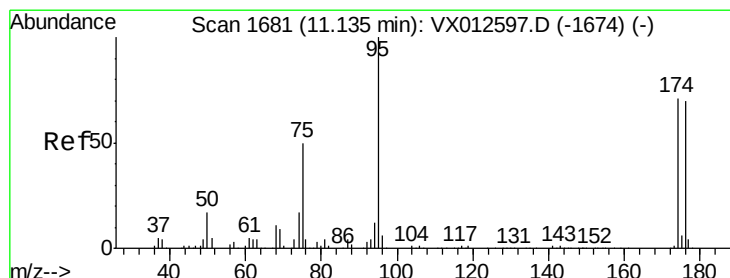
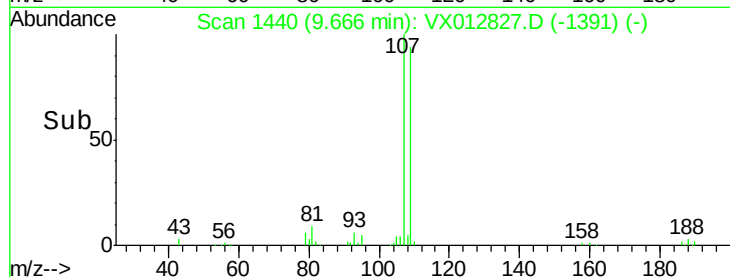
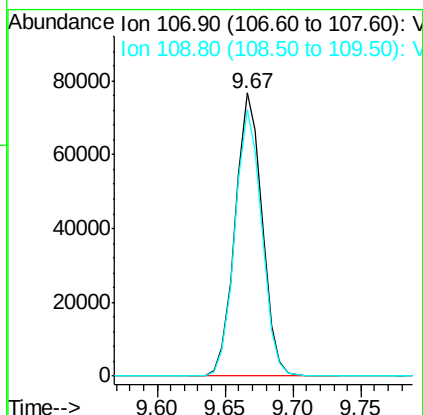
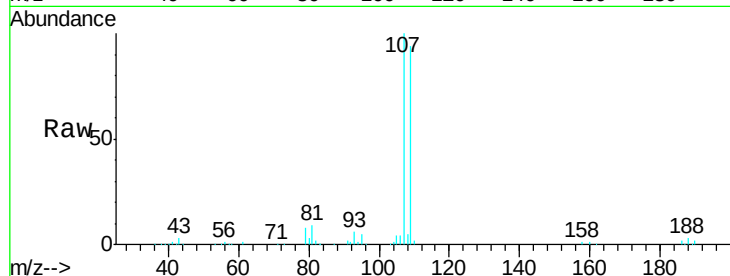




#61
 1,2-Dibromoethane
 Concen: 51.295 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

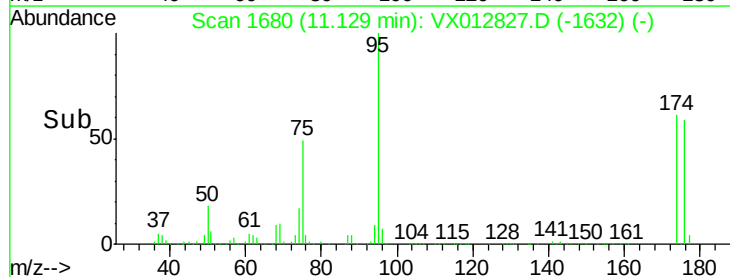
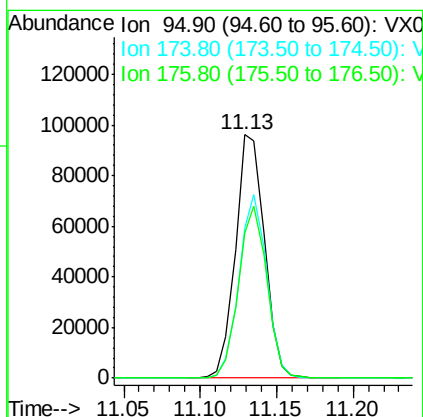
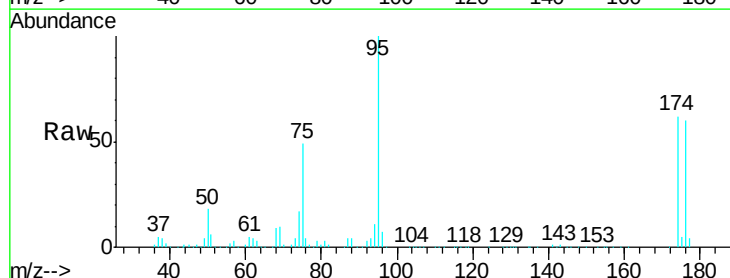
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

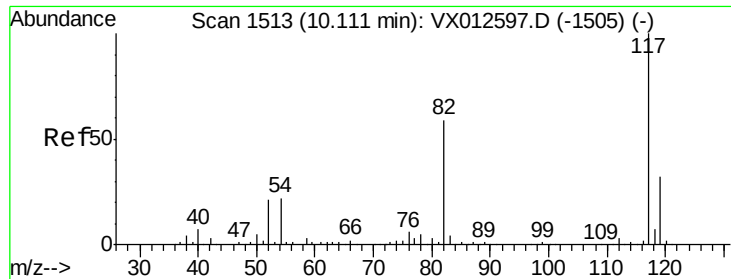
Tgt Ion: 107 Resp: 105834
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.086 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion: 95 Resp: 126358
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 140.0
 176 68.8 0.0 135.4

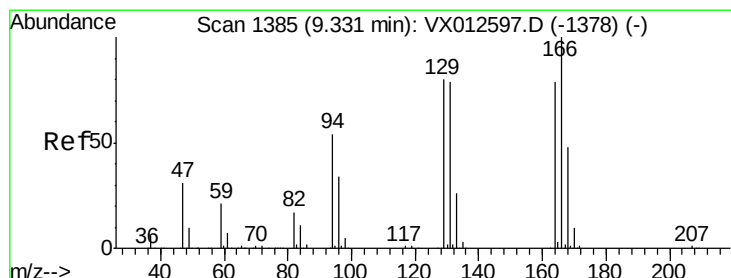
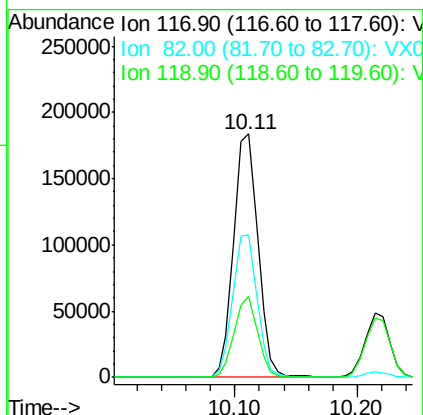
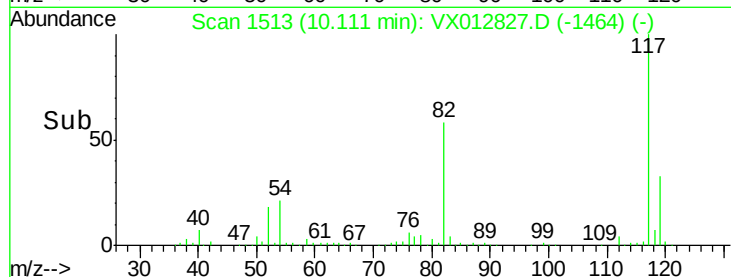
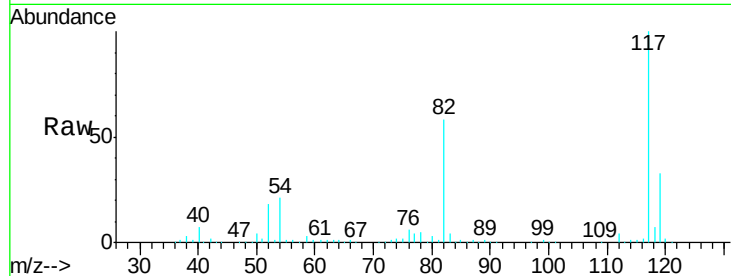




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

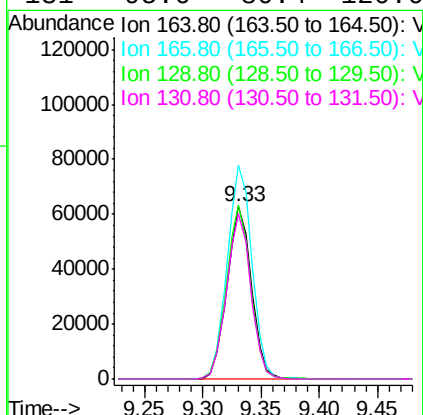
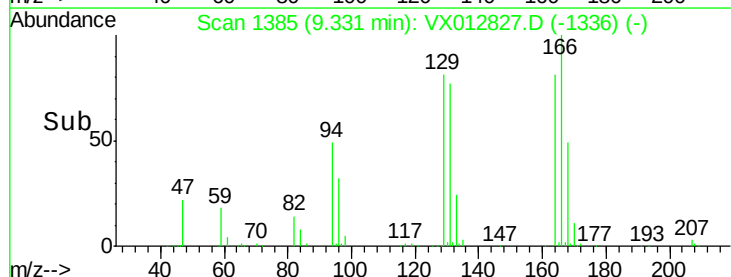
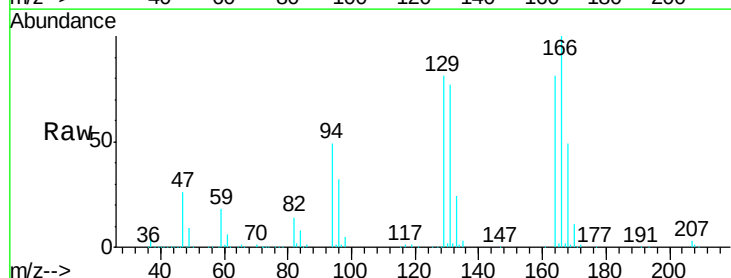
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

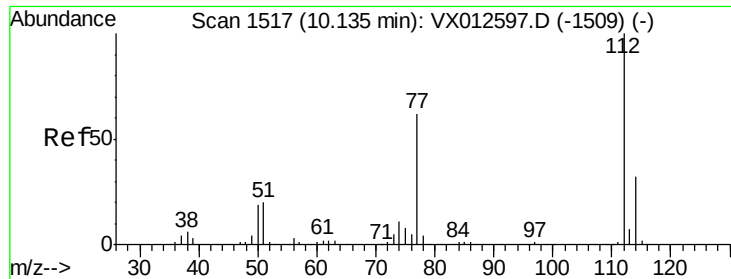
Tgt Ion:117 Resp: 253728
Ion Ratio Lower Upper
117 100
82 58.5 45.9 68.9
119 33.1 25.3 37.9



#64
Tetrachloroethene
Concen: 51.620 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion:164 Resp: 91317
Ion Ratio Lower Upper
164 100
166 124.0 107.8 161.6
129 100.9 86.2 129.2
131 95.6 80.4 120.6

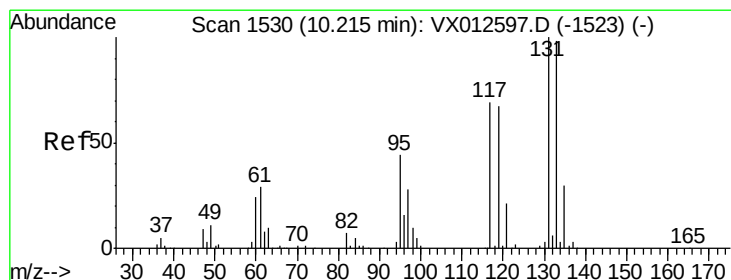
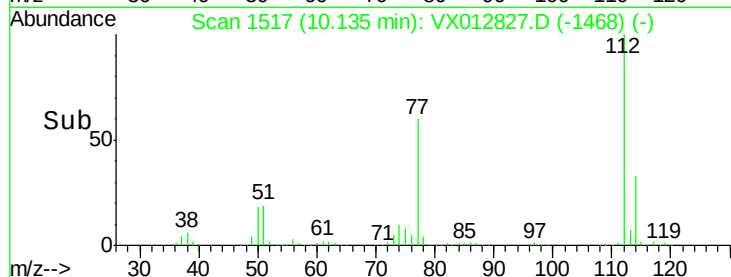
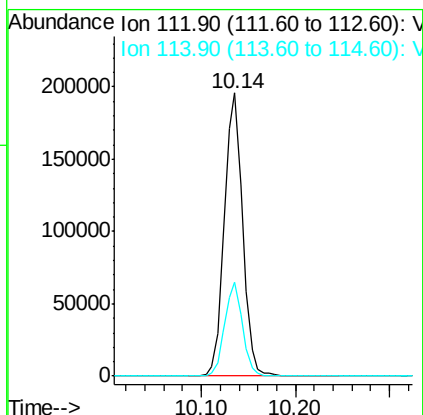
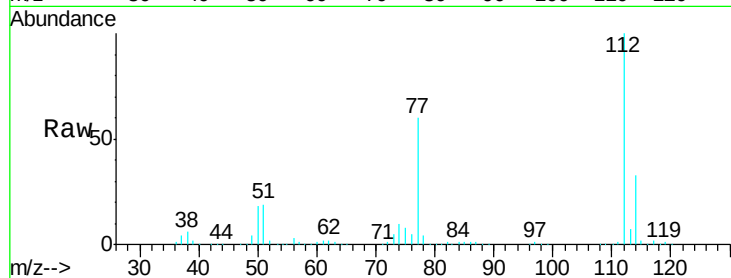




#65
Chlorobenzene
Concen: 49.435 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

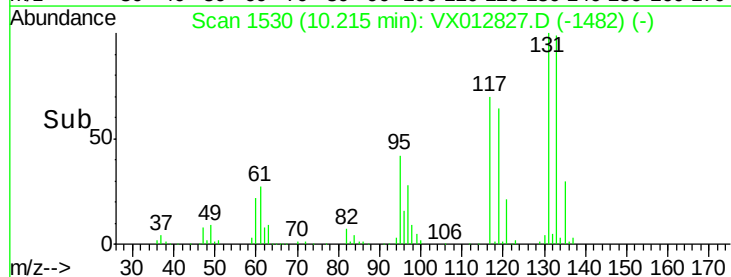
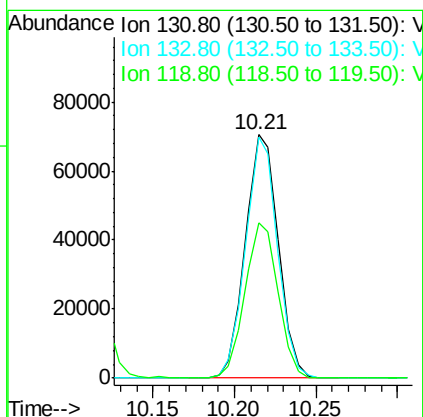
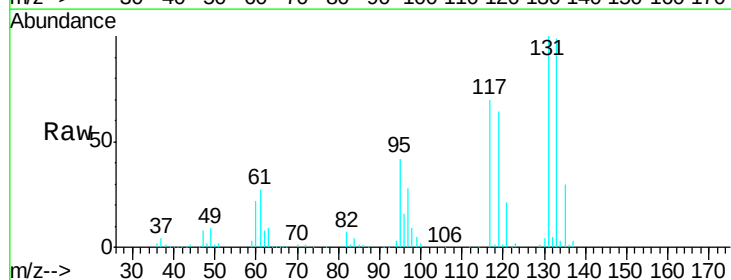
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

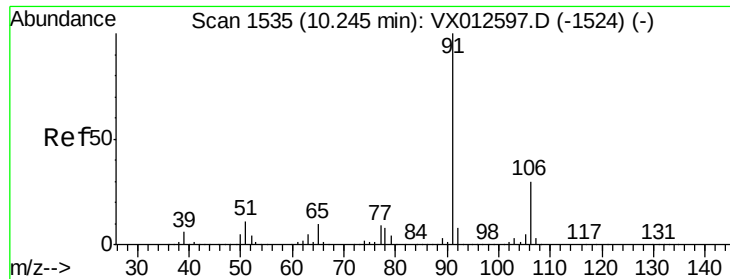
Tgt Ion:112 Resp: 264129
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.446 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion:131 Resp: 99593
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 64.0 31.3 93.8

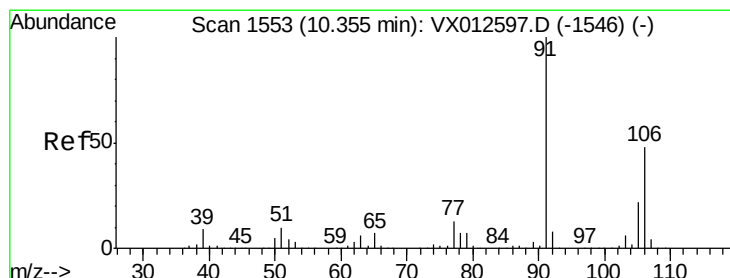
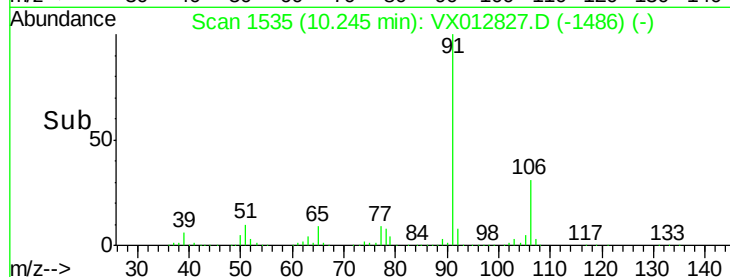
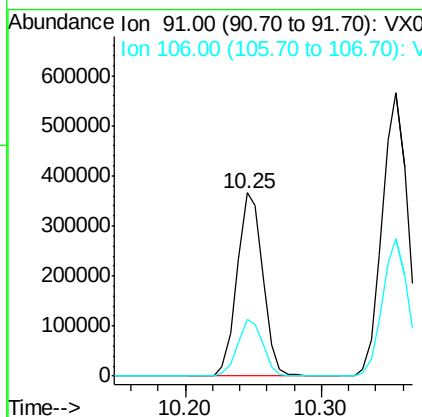
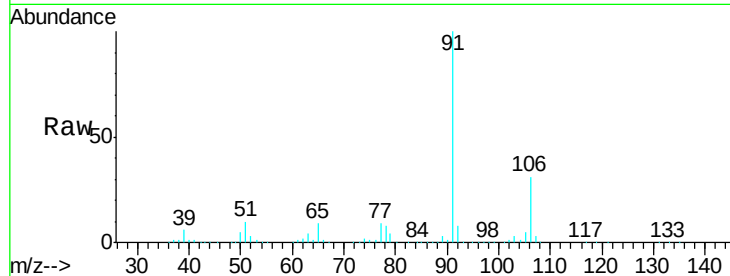




#67
Ethyl Benzene
Concen: 49.867 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

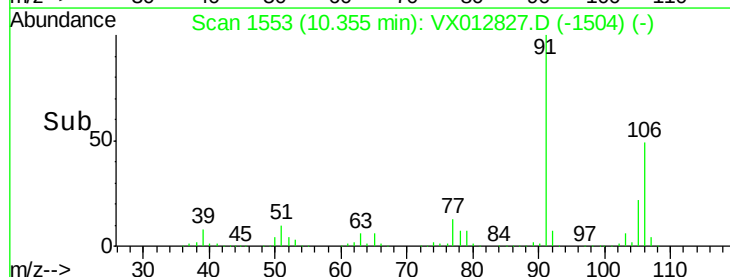
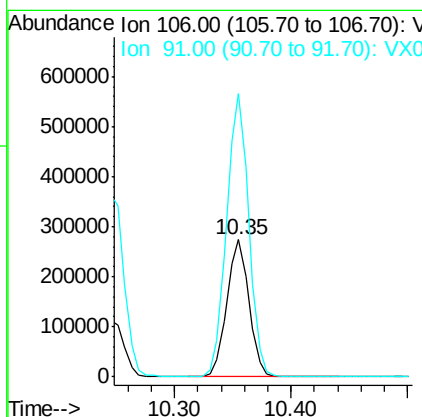
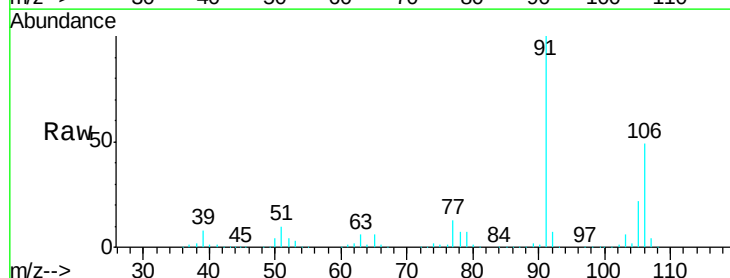
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

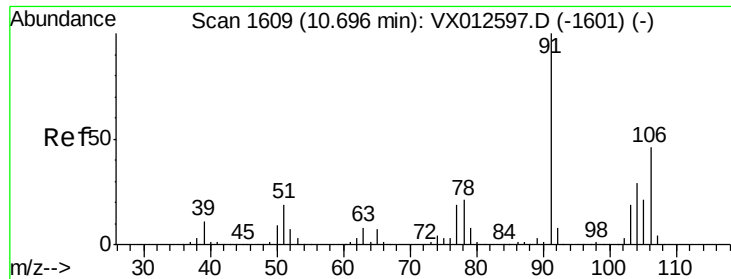
Tgt Ion: 91 Resp: 483254
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#68
m/p-Xylenes
Concen: 99.480 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 106 Resp: 361129
Ion Ratio Lower Upper
106 100
91 207.0 166.6 250.0

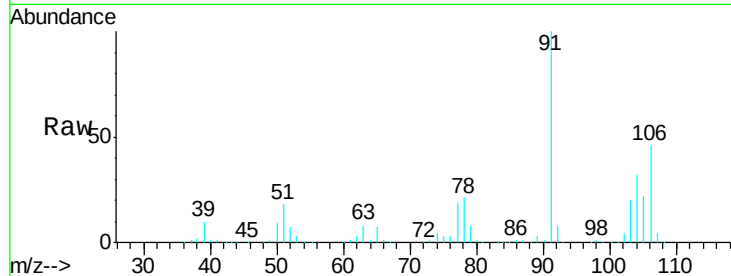




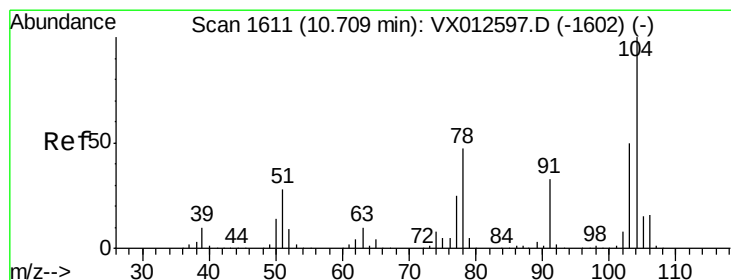
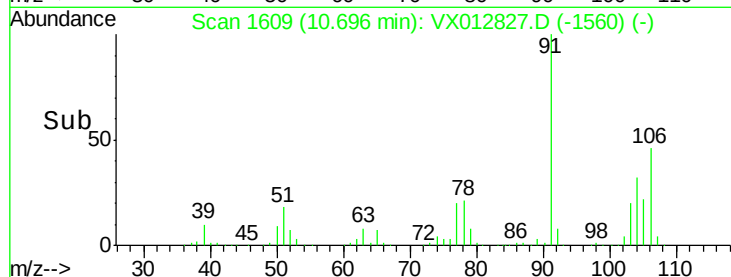
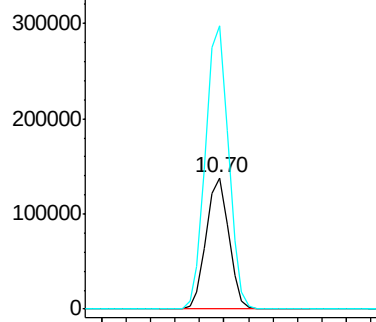
#69
o-Xylene
Concen: 50.389 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 176999
Ion Ratio Lower Upper
106 100
91 218.6 109.4 328.2

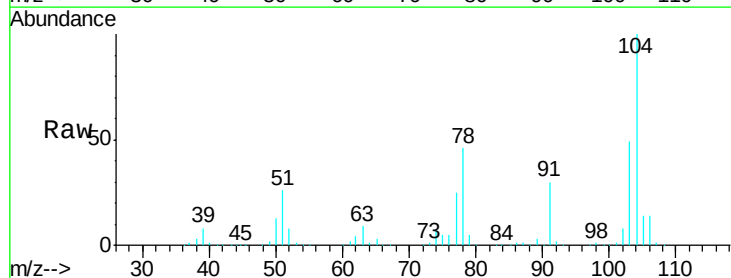


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

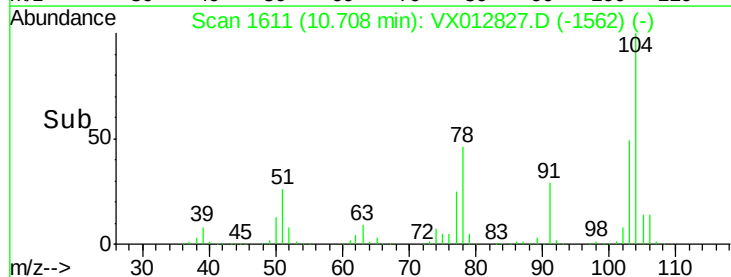
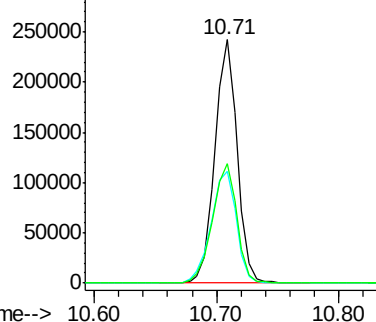


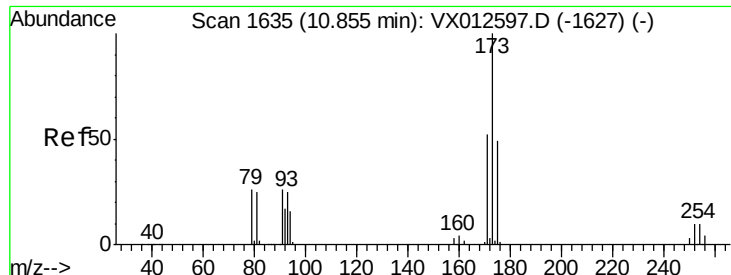
#70
Styrene
Concen: 51.934 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion:104 Resp: 305823
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 53.9 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.196 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

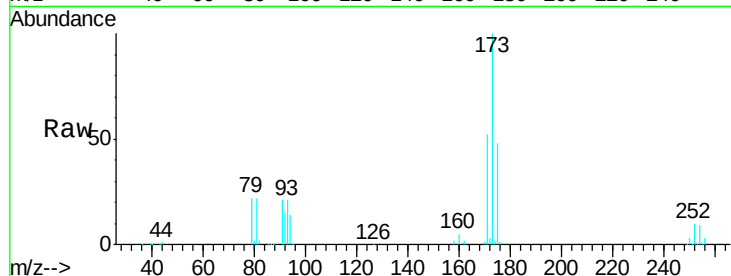
Tgt Ion:173 Resp: 74403

Ion Ratio Lower Upper

173 100

175 48.1 23.7 71.1

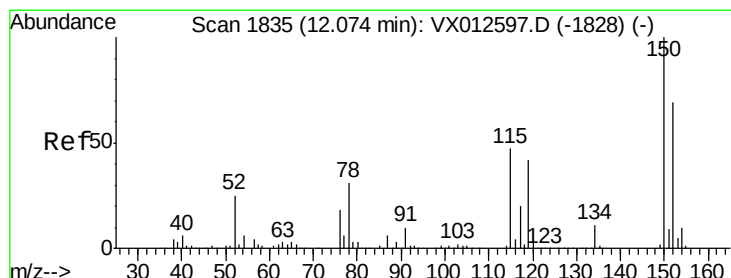
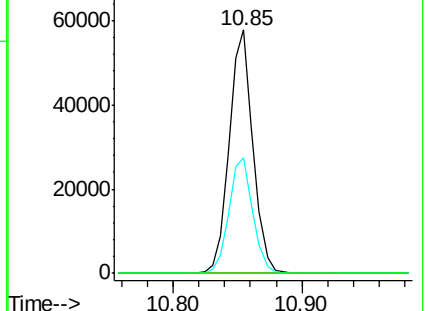
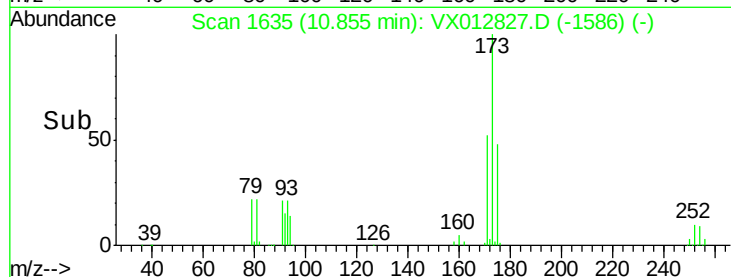
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

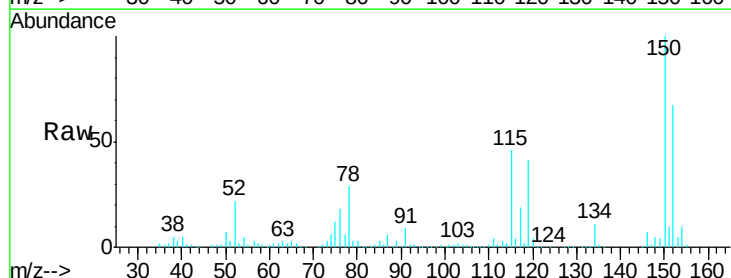
Tgt Ion:152 Resp: 121169

Ion Ratio Lower Upper

152 100

115 87.9 44.1 132.3

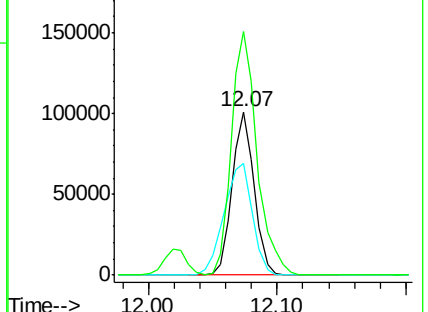
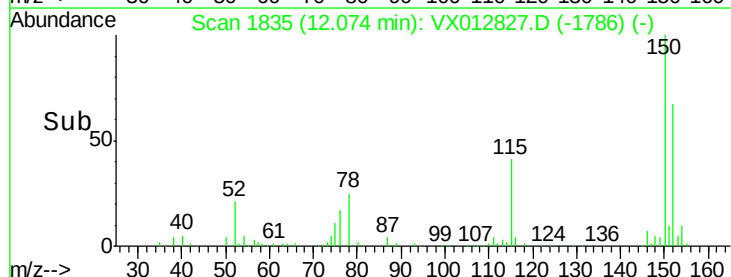
150 172.8 0.0 343.8

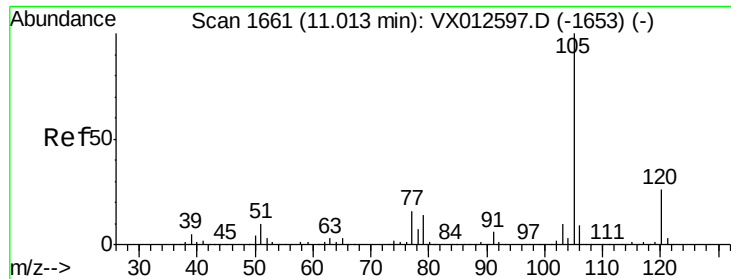


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

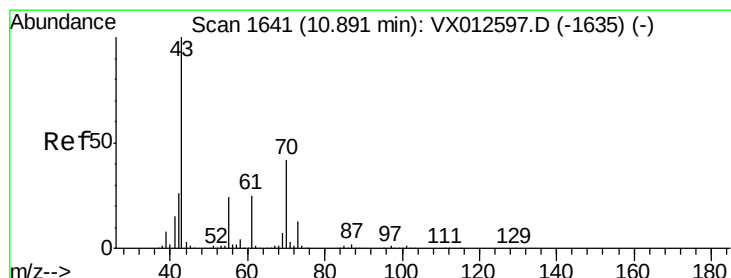
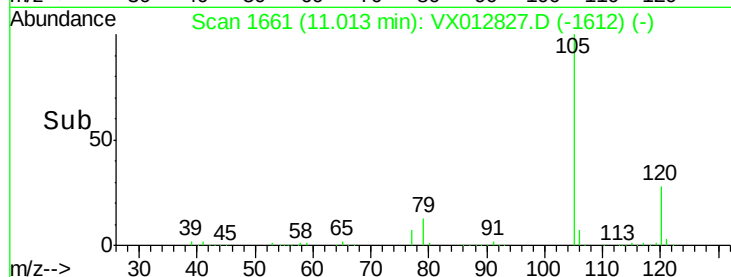
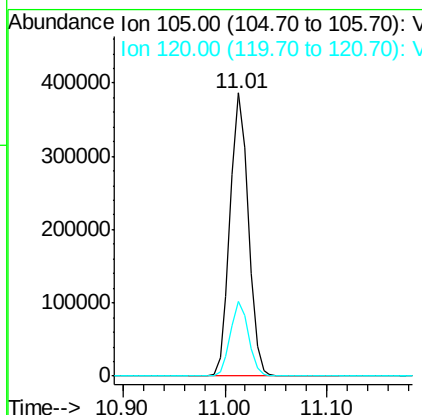
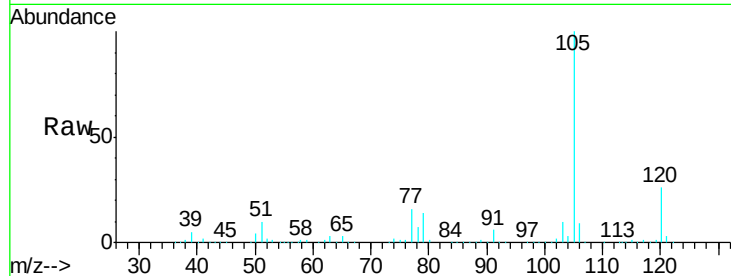




#73
Isopropylbenzene
Concen: 48.355 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

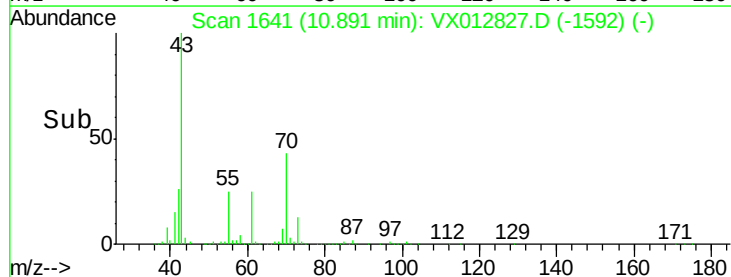
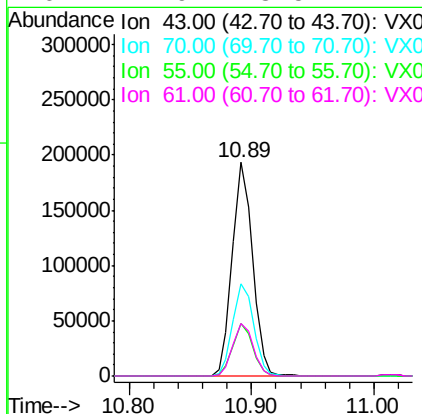
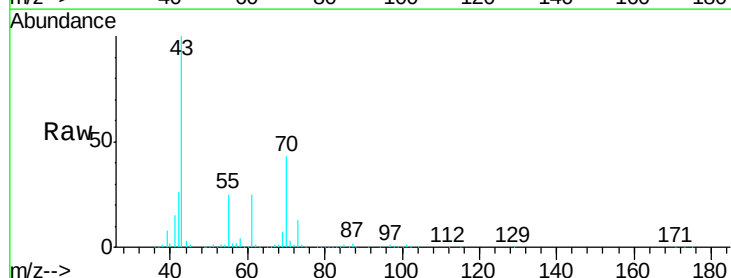
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

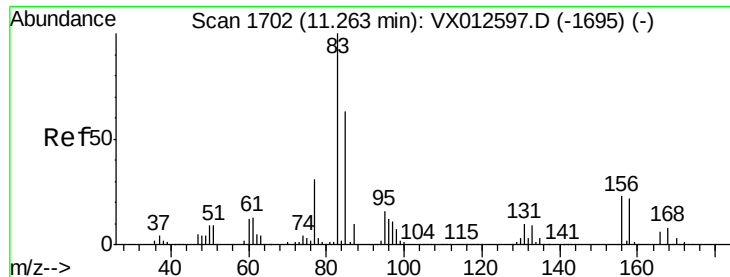
Tgt Ion: 105 Resp: 477206
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 47.343 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012827.D
Acq: 04 Oct 2019 21:14

Tgt Ion: 43 Resp: 222897
Ion Ratio Lower Upper
43 100
70 44.7 32.4 48.6
55 24.4 18.2 27.4
61 24.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.432 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

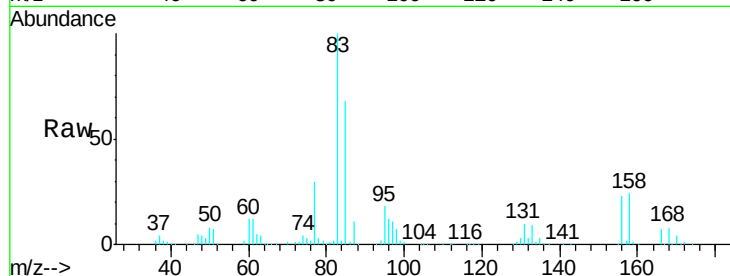
Tgt Ion: 83 Resp: 158297

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

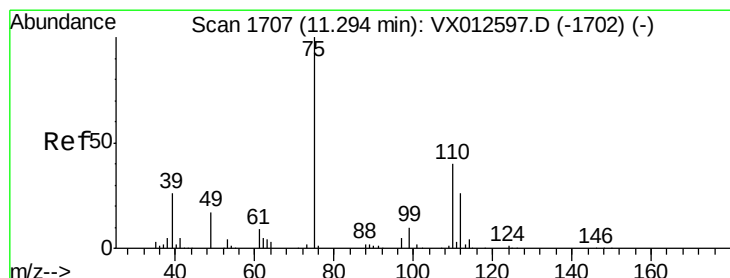
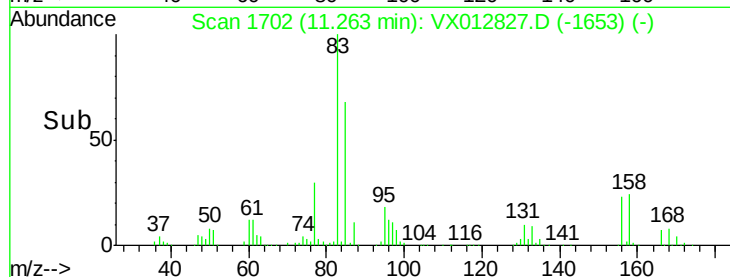
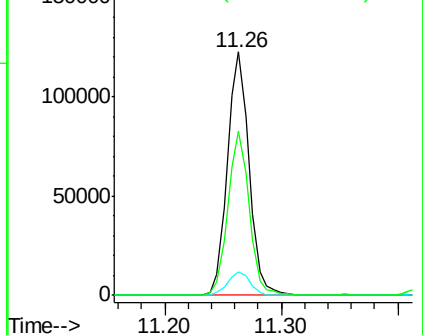
85 66.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.151 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012827.D

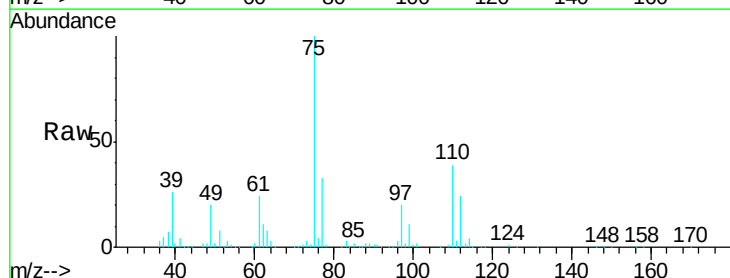
Acq: 04 Oct 2019 21:14

Tgt Ion: 75 Resp: 183181

Ion Ratio Lower Upper

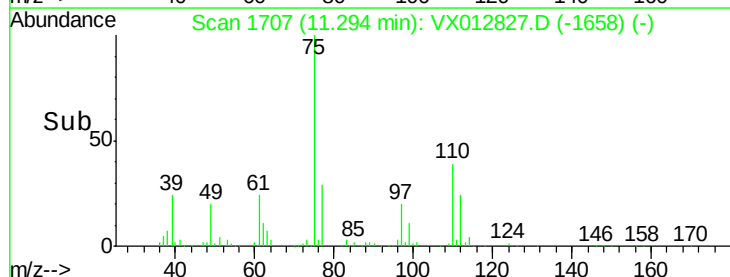
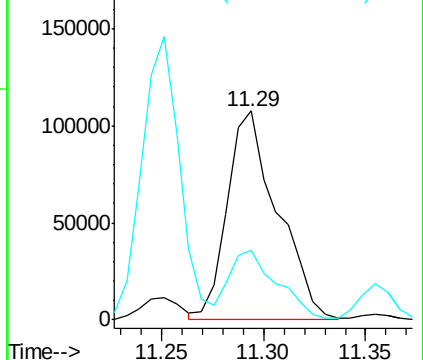
75 100

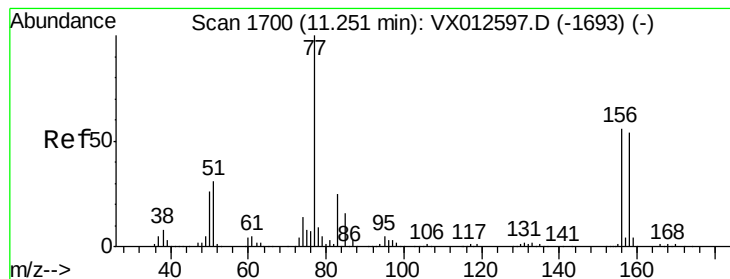
77 32.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.557 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

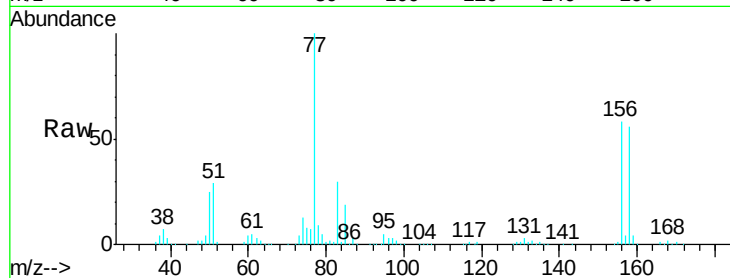
Tgt Ion:156 Resp: 108456

Ion Ratio Lower Upper

156 100

77 173.4 87.3 261.8

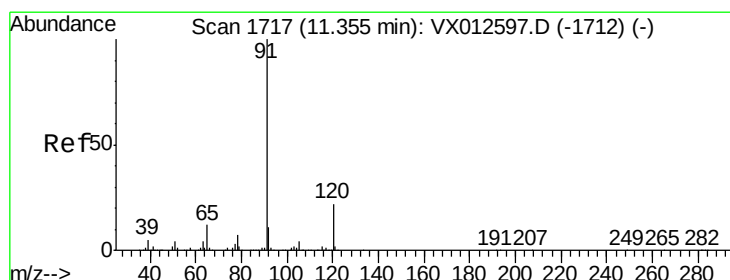
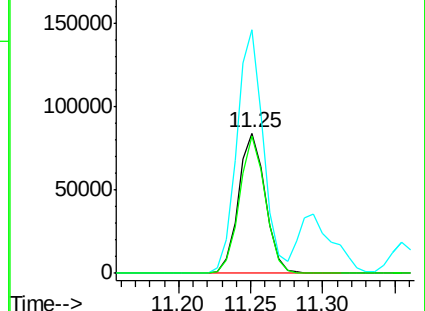
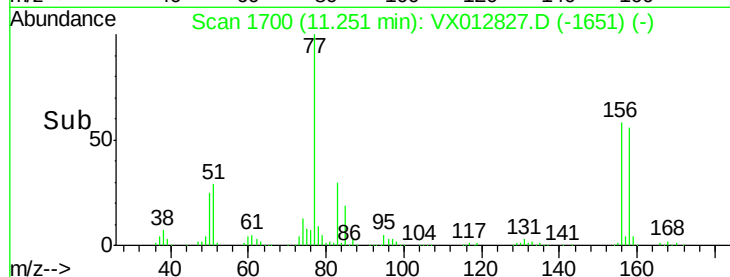
158 95.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.804 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012827.D

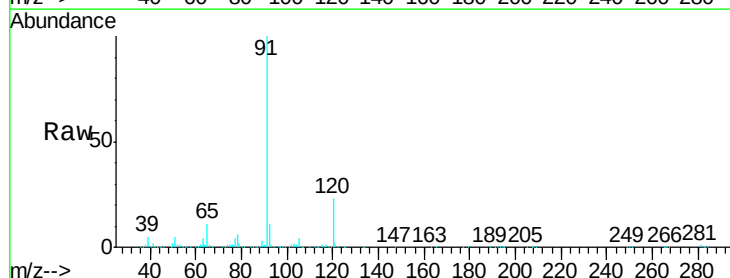
Acq: 04 Oct 2019 21:14

Tgt Ion: 91 Resp: 520023

Ion Ratio Lower Upper

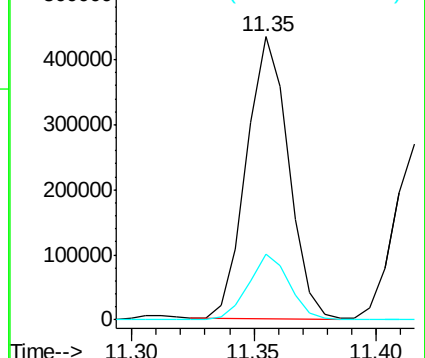
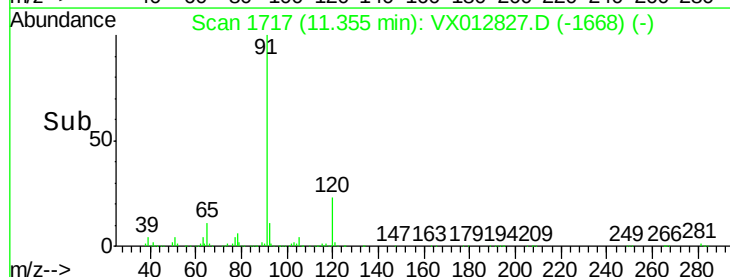
91 100

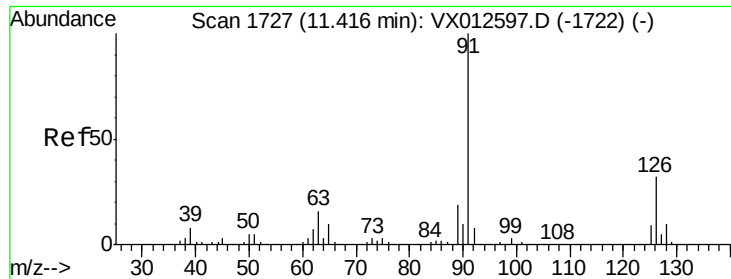
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

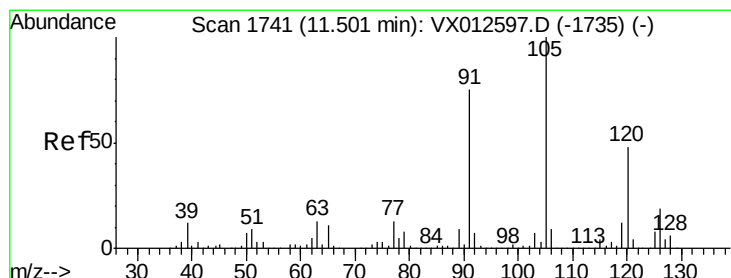
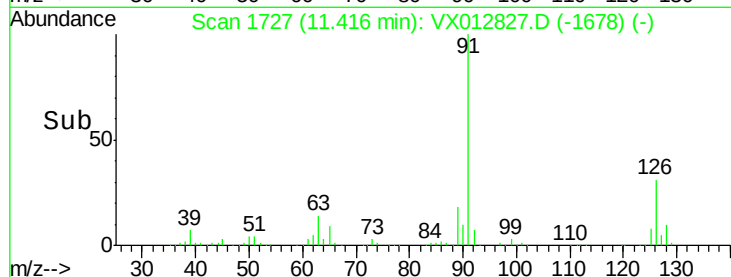
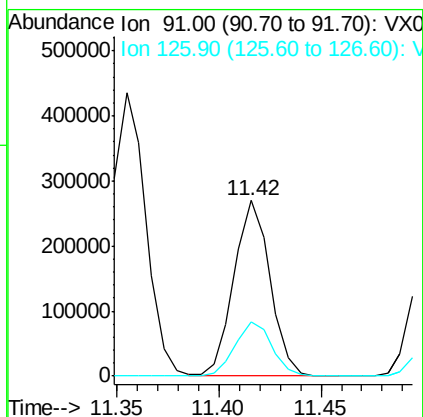
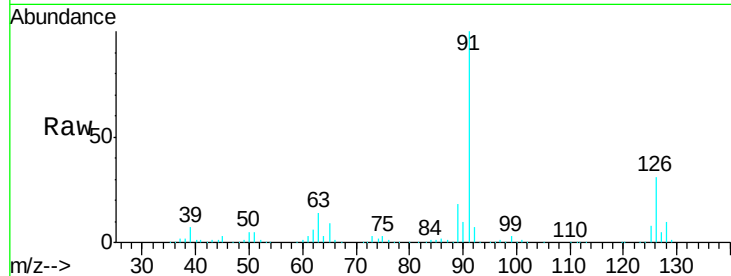




#79
 2-Chlorotoluene
 Concen: 47.715 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

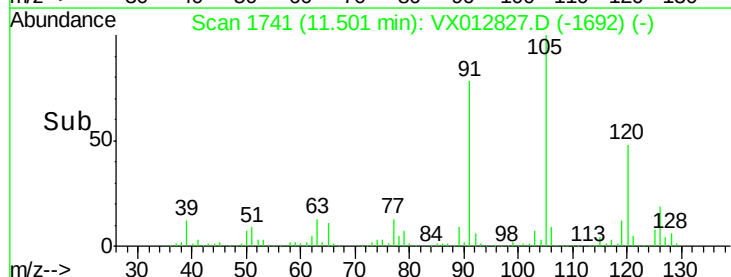
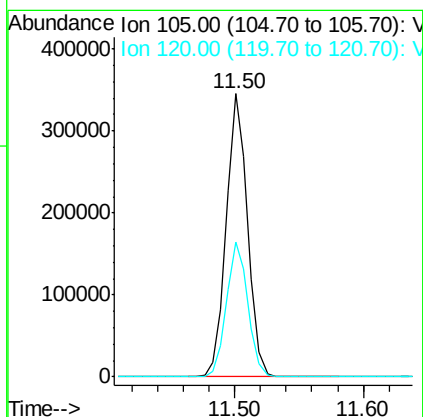
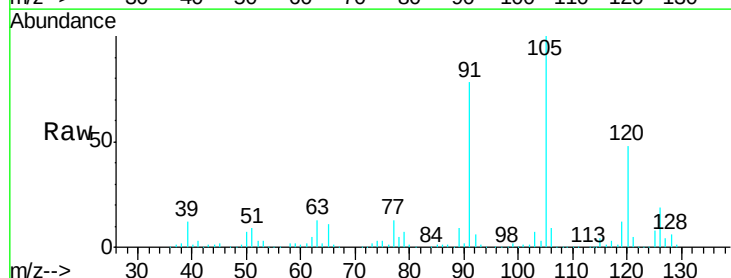
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

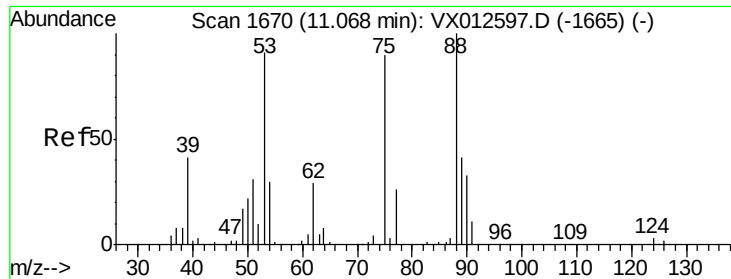
Tgt Ion: 91 Resp: 330712
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.583 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion: 105 Resp: 402067
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.845 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

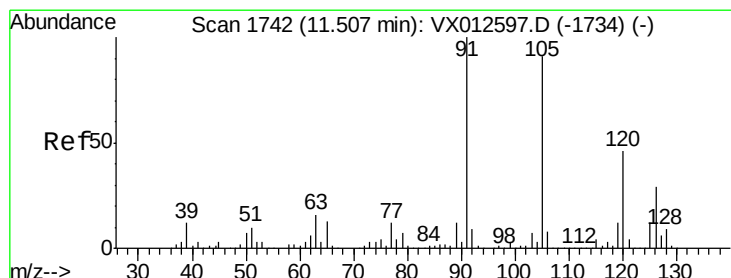
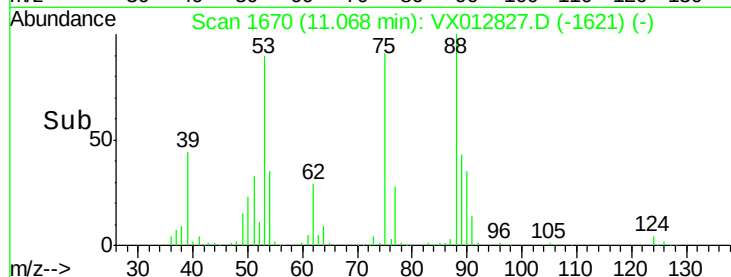
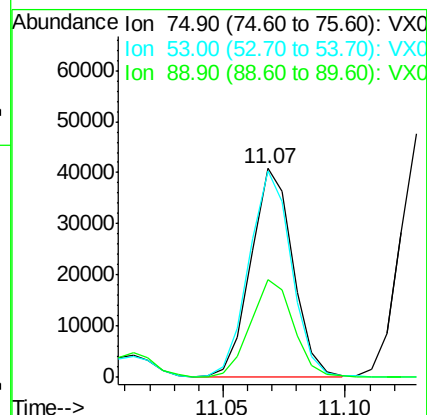
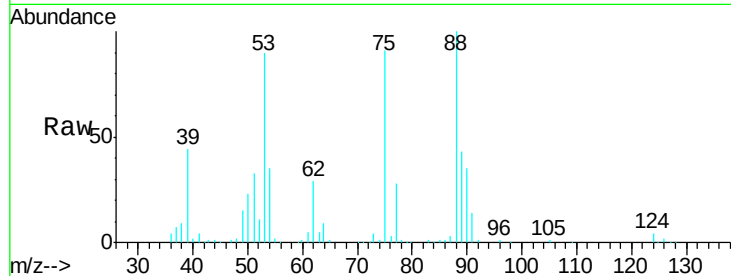
Tgt Ion: 75 Resp: 49038

Ion Ratio Lower Upper

75 100

53 100.2 83.6 125.4

89 47.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.716 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012827.D

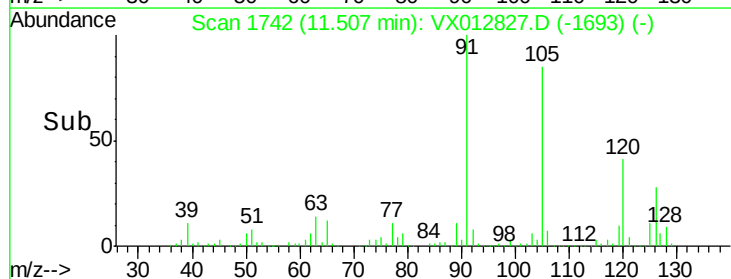
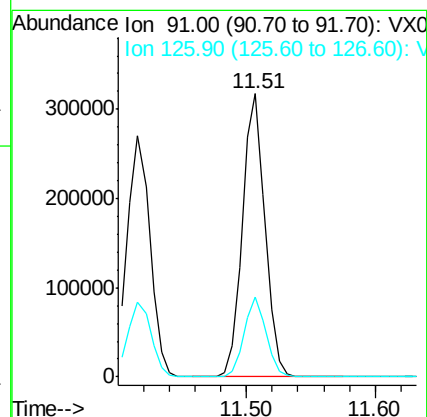
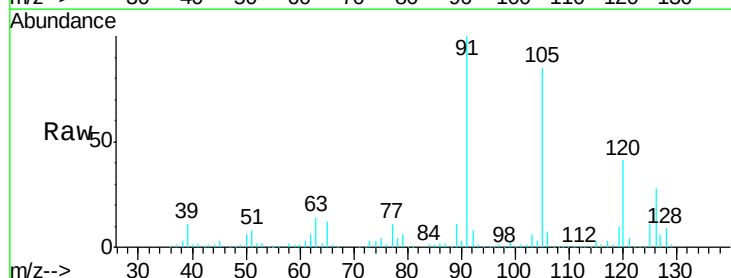
Acq: 04 Oct 2019 21:14

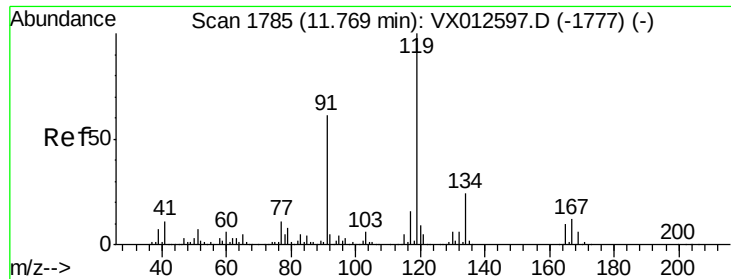
Tgt Ion: 91 Resp: 384903

Ion Ratio Lower Upper

91 100

126 27.4 14.4 43.0

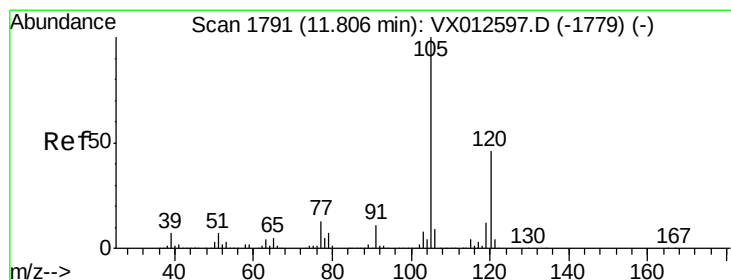
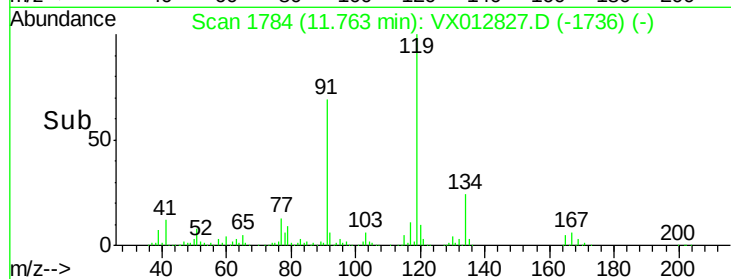
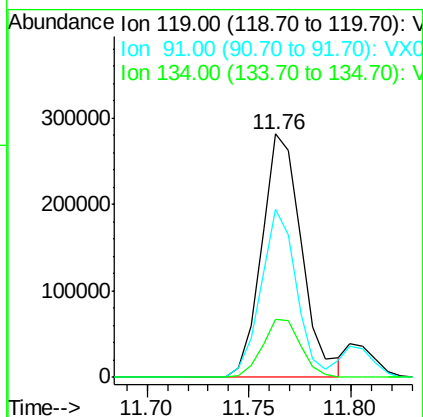
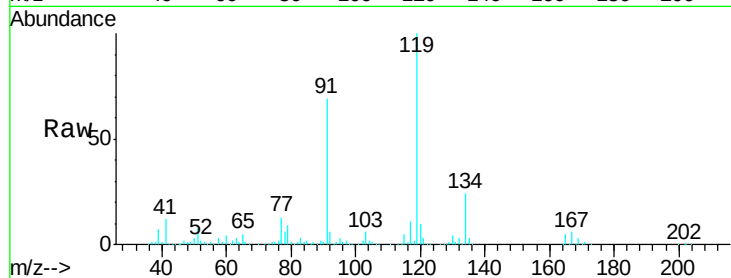




#83
 tert-Butylbenzene
 Concen: 48.048 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

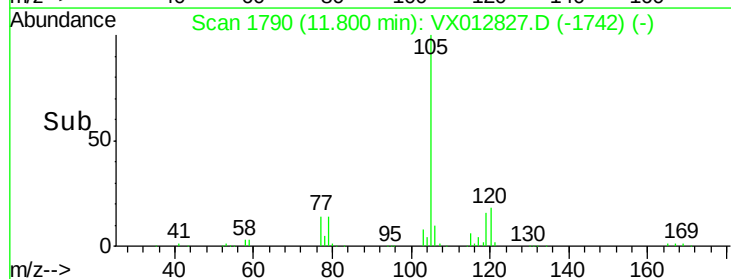
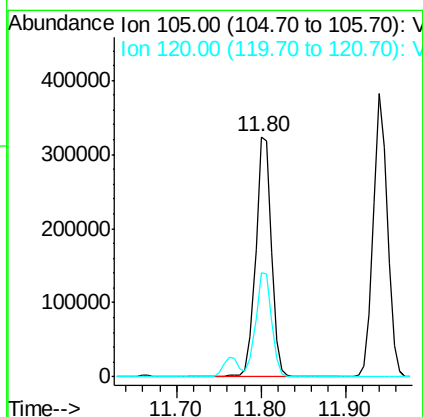
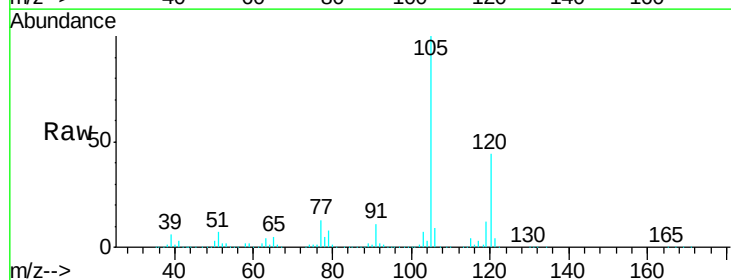
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

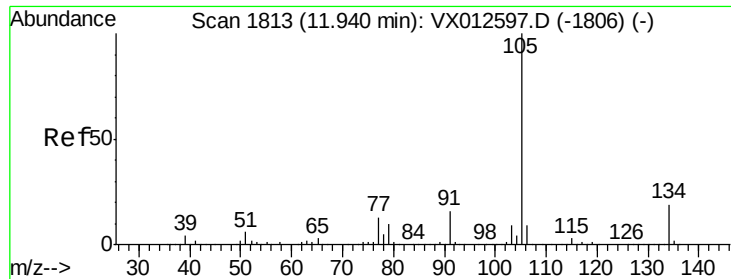
Tgt Ion:119 Resp: 383572
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.0 90.0
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.935 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion:105 Resp: 408534
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.2 66.6

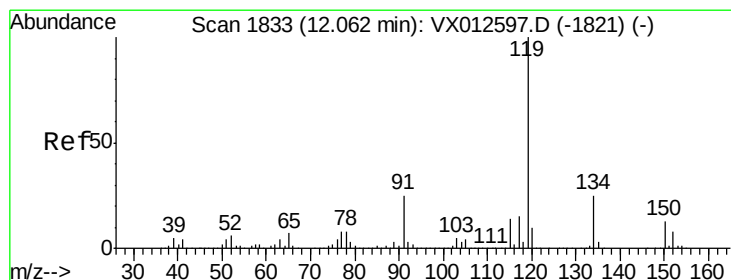
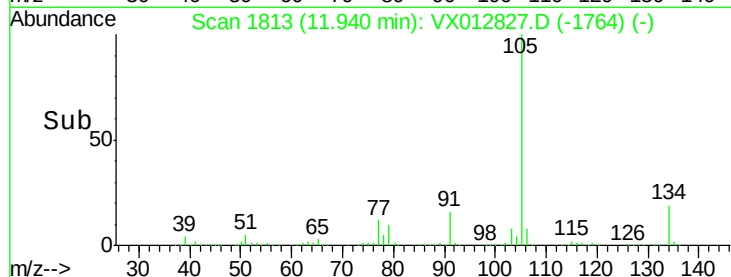
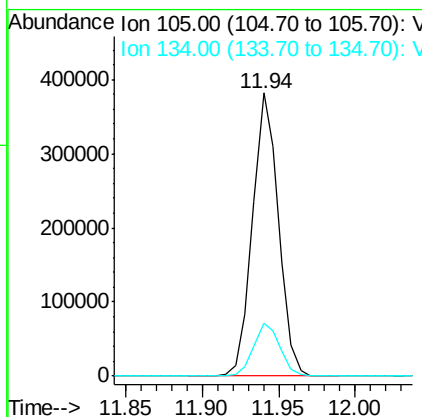
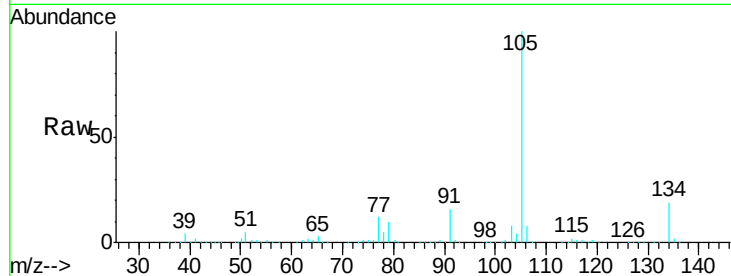




#85
 sec-Butylbenzene
 Concen: 48.553 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

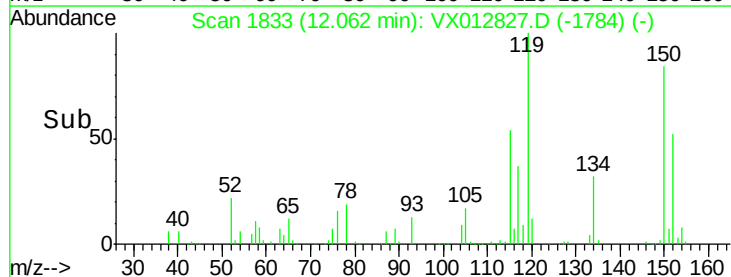
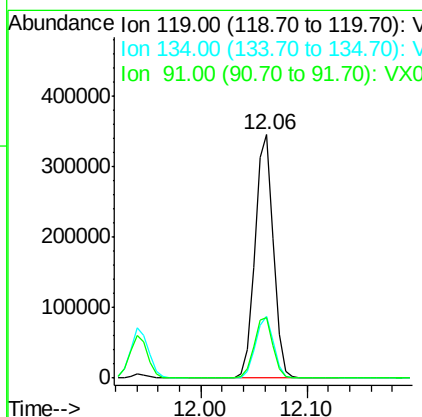
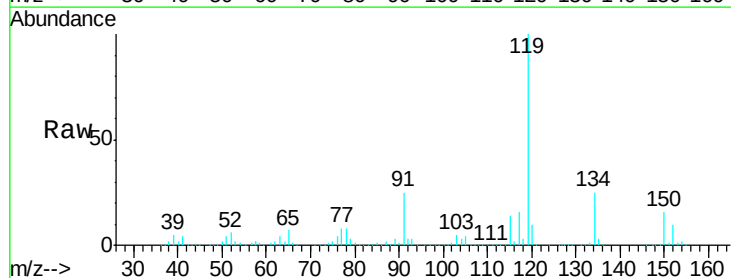
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

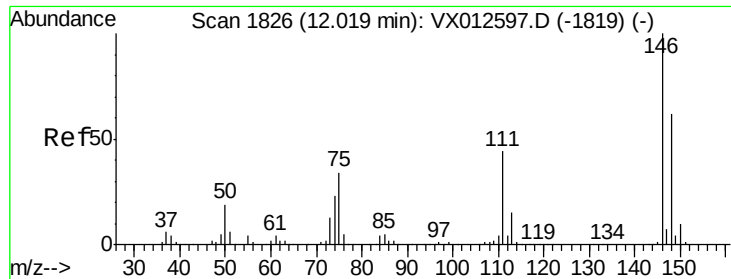
Tgt Ion:105 Resp: 450831
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.859 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion:119 Resp: 417728
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 25.6 12.8 38.4

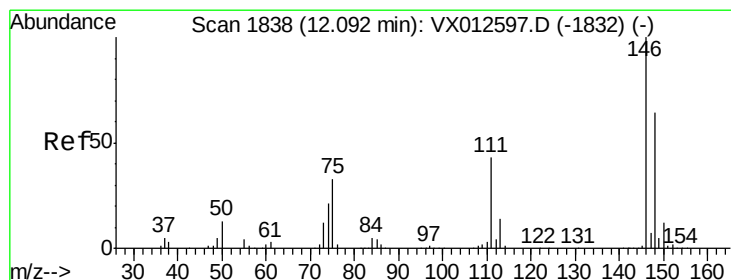
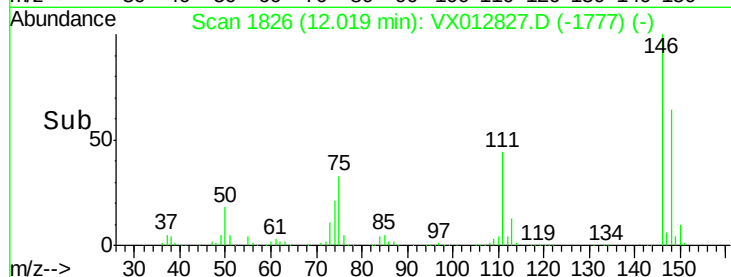
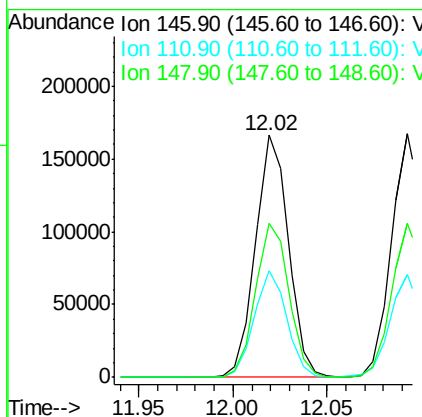
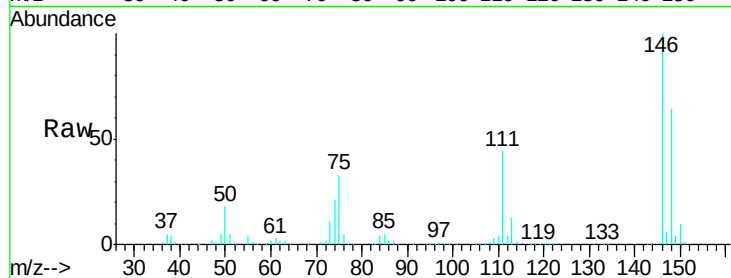




#87
 1,3-Dichlorobenzene
 Concen: 50.436 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

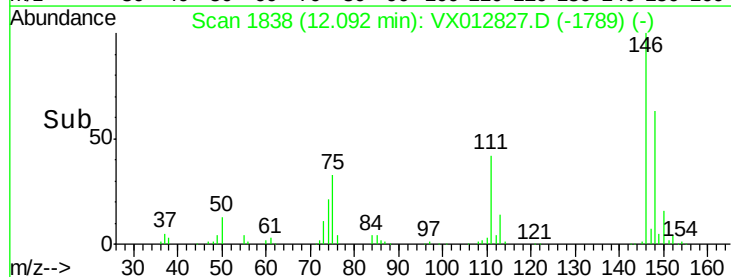
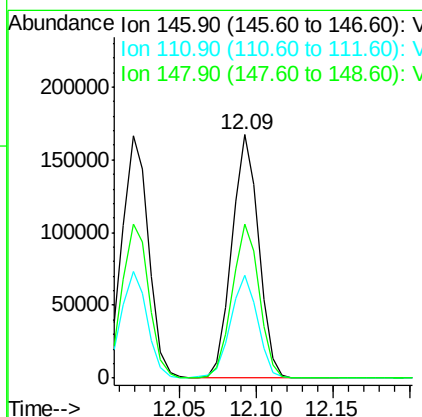
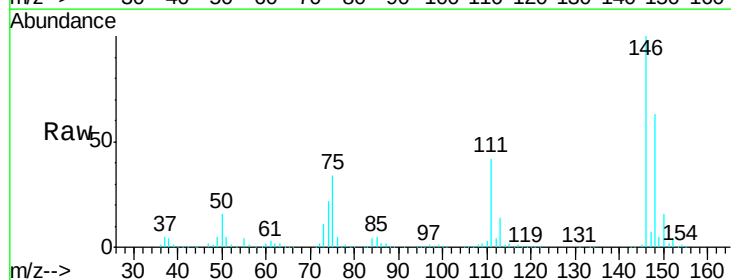
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

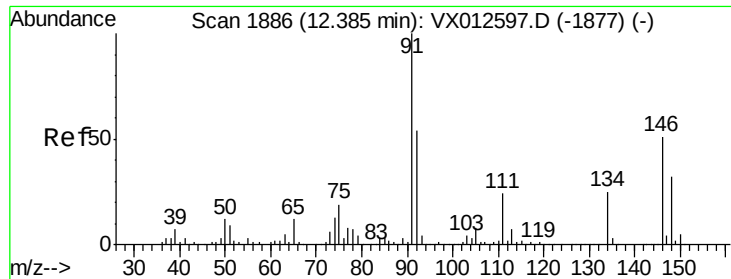
Tgt Ion:146 Resp: 202732
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.3 64.0
 148 64.1 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 49.929 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion:146 Resp: 202801
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.3
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.882 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

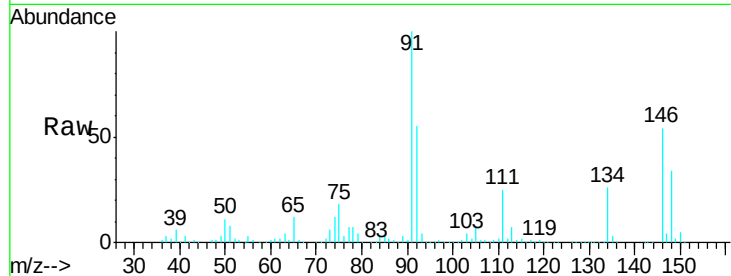
Tgt Ion: 91 Resp: 360887

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

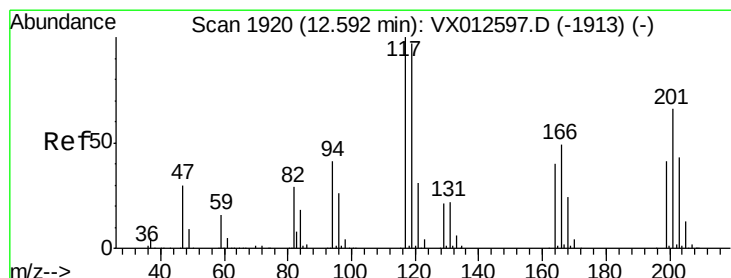
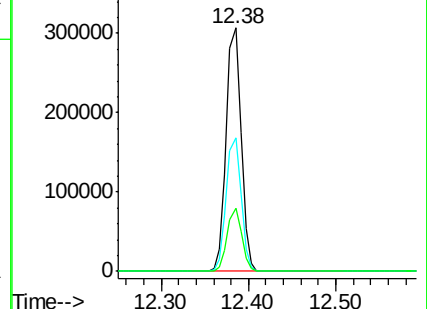
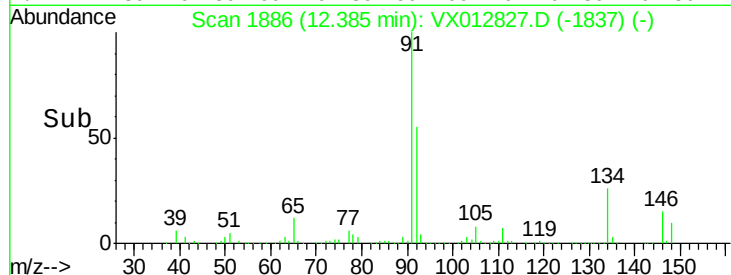
134 25.1 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX012597.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX012597.D (-1877) (-)



#90

Hexachloroethane

Concen: 47.833 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012827.D

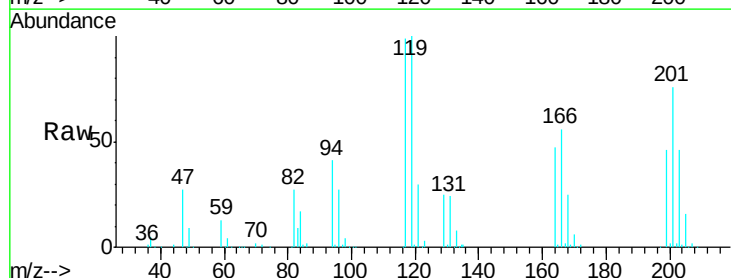
Acq: 04 Oct 2019 21:14

Tgt Ion: 117 Resp: 71447

Ion Ratio Lower Upper

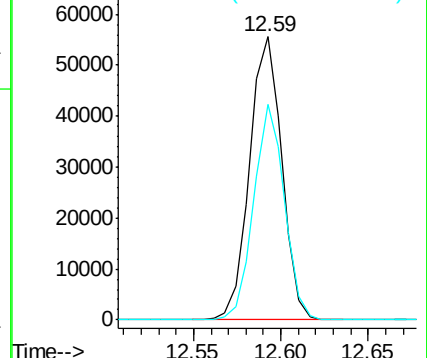
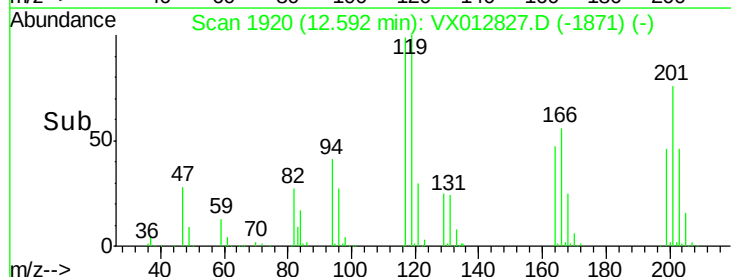
117 100

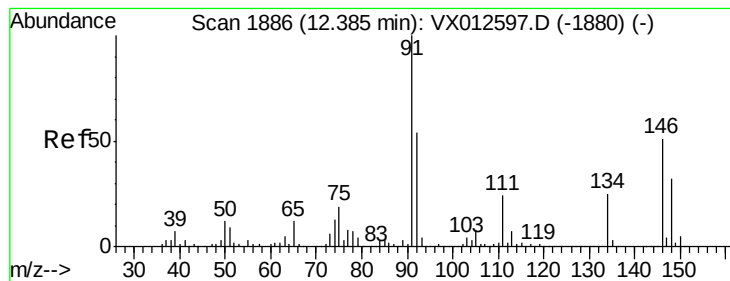
201 72.6 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012597.D (-1913) (-)





#91

1,2-Dichlorobenzene

Concen: 50.588 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

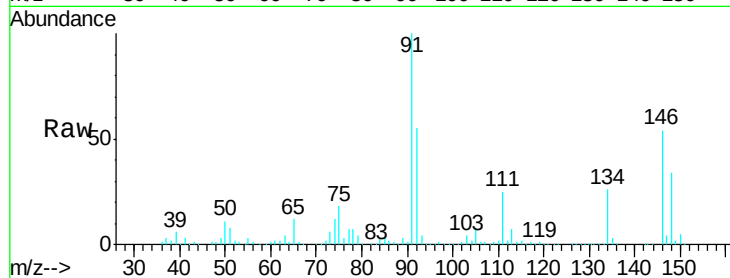
Tgt Ion:146 Resp: 203575

Ion Ratio Lower Upper

146 100

111 45.1 22.1 66.1

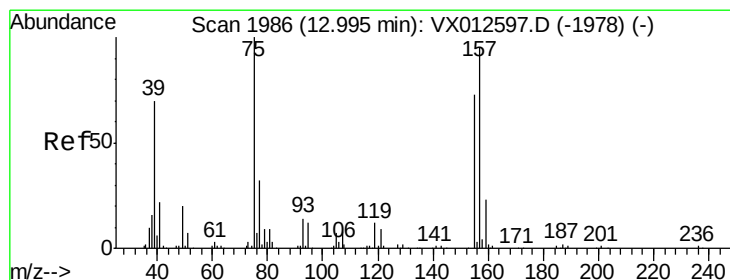
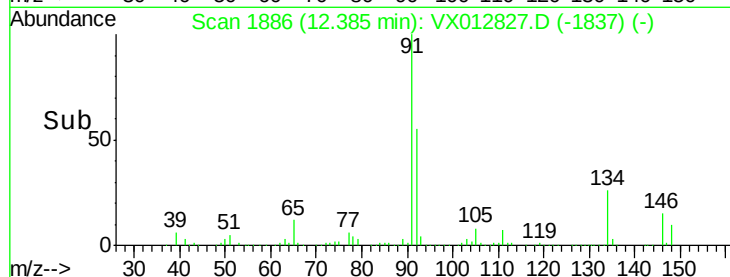
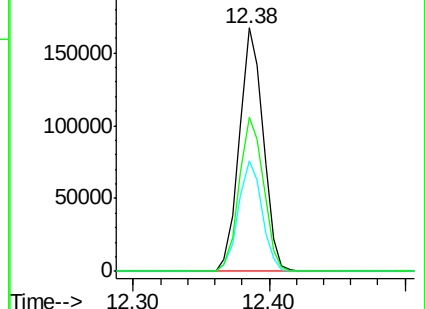
148 64.4 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.001 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

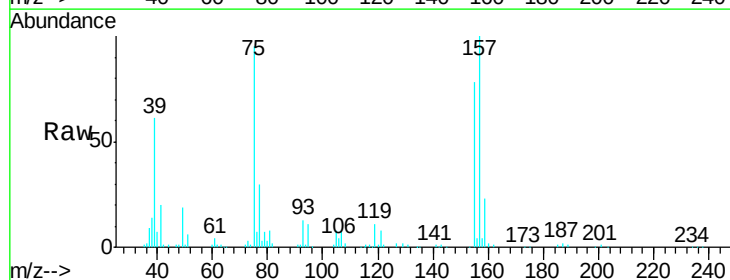
Tgt Ion: 75 Resp: 40062

Ion Ratio Lower Upper

75 100

155 83.9 38.6 115.8

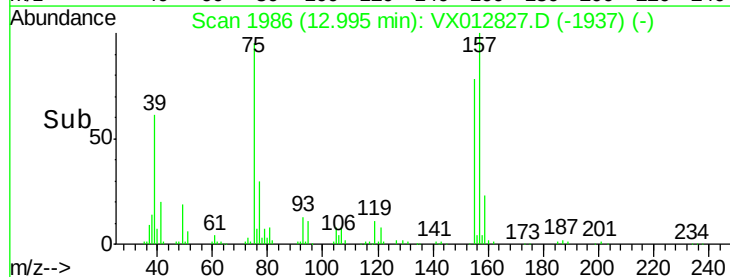
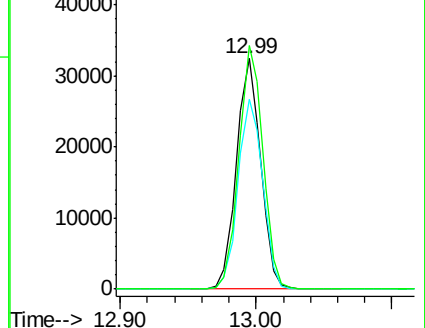
157 104.8 50.6 151.9

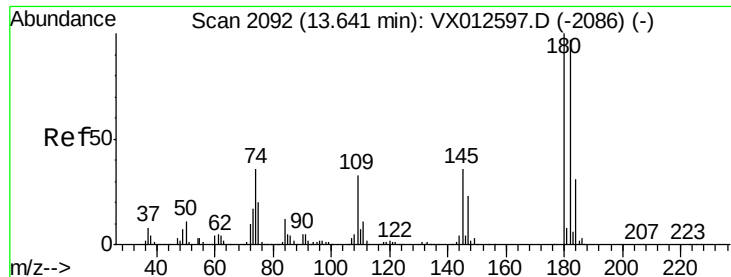


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

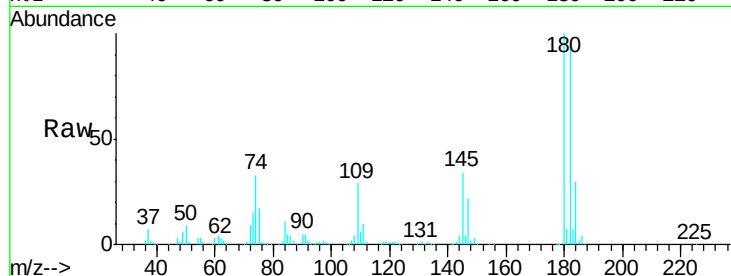




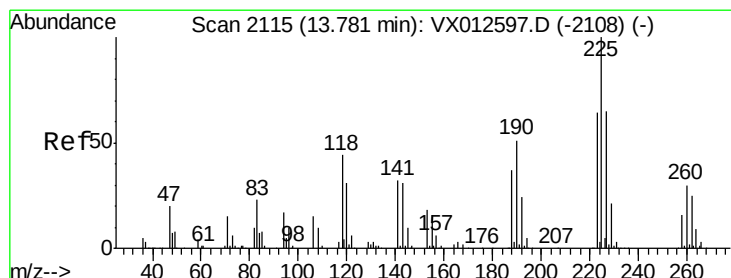
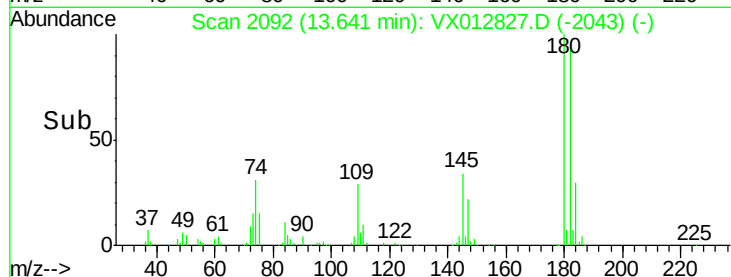
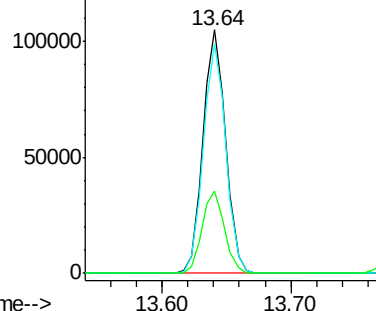
#93
 1,2,4-Trichlorobenzene
 Concen: 52.518 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 128887
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.0 141.0
 145 33.5 16.8 50.4

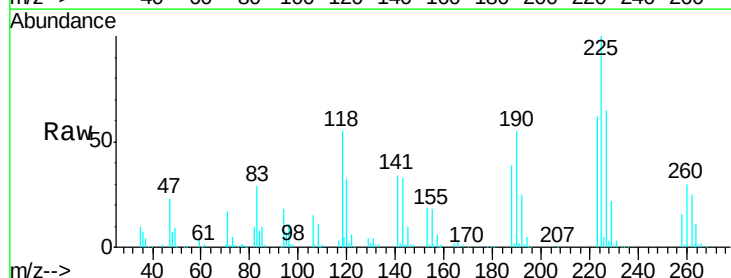


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

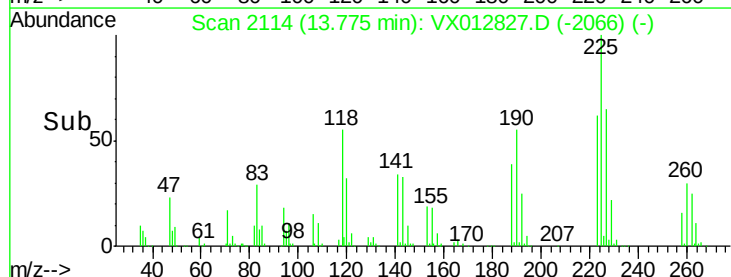
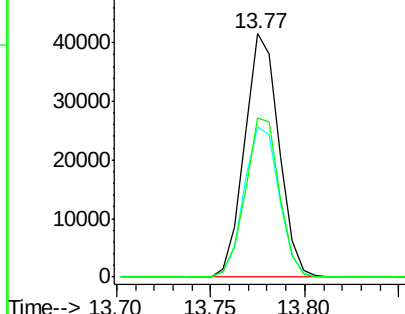


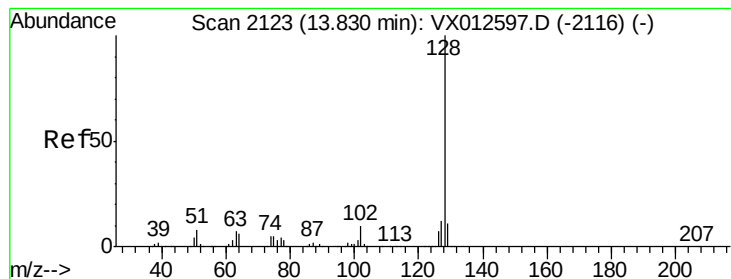
#94
 Hexachlorobutadiene
 Concen: 49.565 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012827.D
 Acq: 04 Oct 2019 21:14

Tgt Ion:225 Resp: 52330
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.0 96.2
 227 64.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.041 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

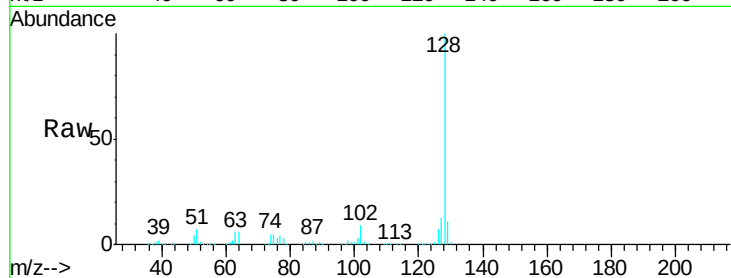
Tgt Ion:128 Resp: 453206

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

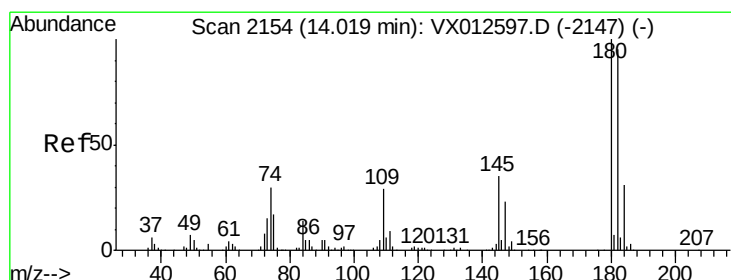
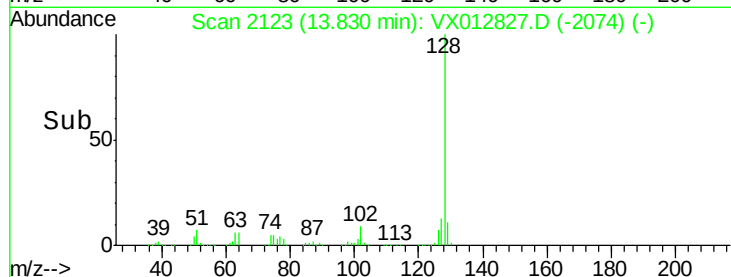
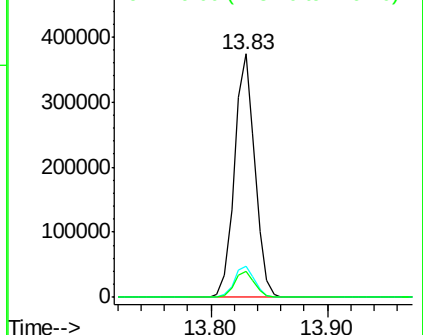
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.462 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012827.D

Acq: 04 Oct 2019 21:14

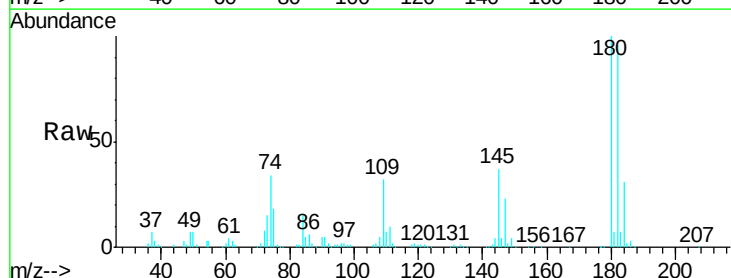
Tgt Ion:180 Resp: 128973

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.3

145 35.4 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

